

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



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

LAB CHRONICLE

OrderID:	Q3474	OrderDate:	10/27/2025 1:27:00 PM
Client:	Sciacca General Contractors, LLC	Project:	7 Rynda Road, Maplewood
Contact:	Rosanne Scirica	Location:	J31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3474-01	WASTE	SOIL	TPH GC	8015D	10/27/25	10/29/25	10/30/25	10/27/25



QC SUMMARY



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

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No.: Q3474

CLIENT ID	S1	S2	S3	S4	TOT
	TETRACOSANE-d50				OUT
PIBLK-FF016631.D	90				0
PIBLK-FF016641.D	93				0
PB170324BL	81				0
PB170324BS	92				0
WASTE	57				0
WASTEMS	56				0
WASTEMSD	56				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3474</u>
Client Sample ID :	<u>WASTEMS</u>	Datafile:	<u>FF016638.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12967	83100	93000	76%		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>Q3474</u>
Client Sample ID :	<u>WASTEMSD</u>	Datafile:	<u>FF016639.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12971	83100	92000	69%		68-131

MS/MSD % Recovery RPD : 10.6

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

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No: Q3474

Client Sample ID : PB170324BS

Datafile: FF016635.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11322	0	11326	100	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170324BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3474

Lab File ID: FF016634.D

Lab Sample ID: PB170324BL

Instrument ID: ff

Date Extracted: 10/30/2025

Matrix: (soil/water) Soil

Date Analyzed: 10/30/25

Level: (low/med) low

Time Analyzed: 12:22

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170324BS	PB170324BS	FF016635.D	10/30/25
WASTEMS	Q3474-01MS	FF016638.D	10/30/25
WASTEMSD	Q3474-01MSD	FF016639.D	10/30/25
WASTE	Q3474-01	FF016640.D	10/30/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood		Date Received:	10/27/25
Client Sample ID:	WASTE		SDG No.:	Q3474
Lab Sample ID:	Q3474-01		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	87.2
Sample Wt/Vol:	30.09 g	Final Vol:	1 mL	Test:
Prep Method:	SW3541	Prep Date	10/29/25	TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	95000		5	2200	16200	ug/kg	10/30/25 15:20	PB170324
SURROGATES									
16416-32-3	TETRACOSANE-d50	2.29			37 - 130	57%	SPK: 20		

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_F\Data\FF103025\
Data File : FF016640.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 15:20
Operator : YP\AJ
Sample : Q3474-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTE

Integration File: autoint1.e
Quant Time: Oct 31 02:22:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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...	15.059	239717	2.294 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

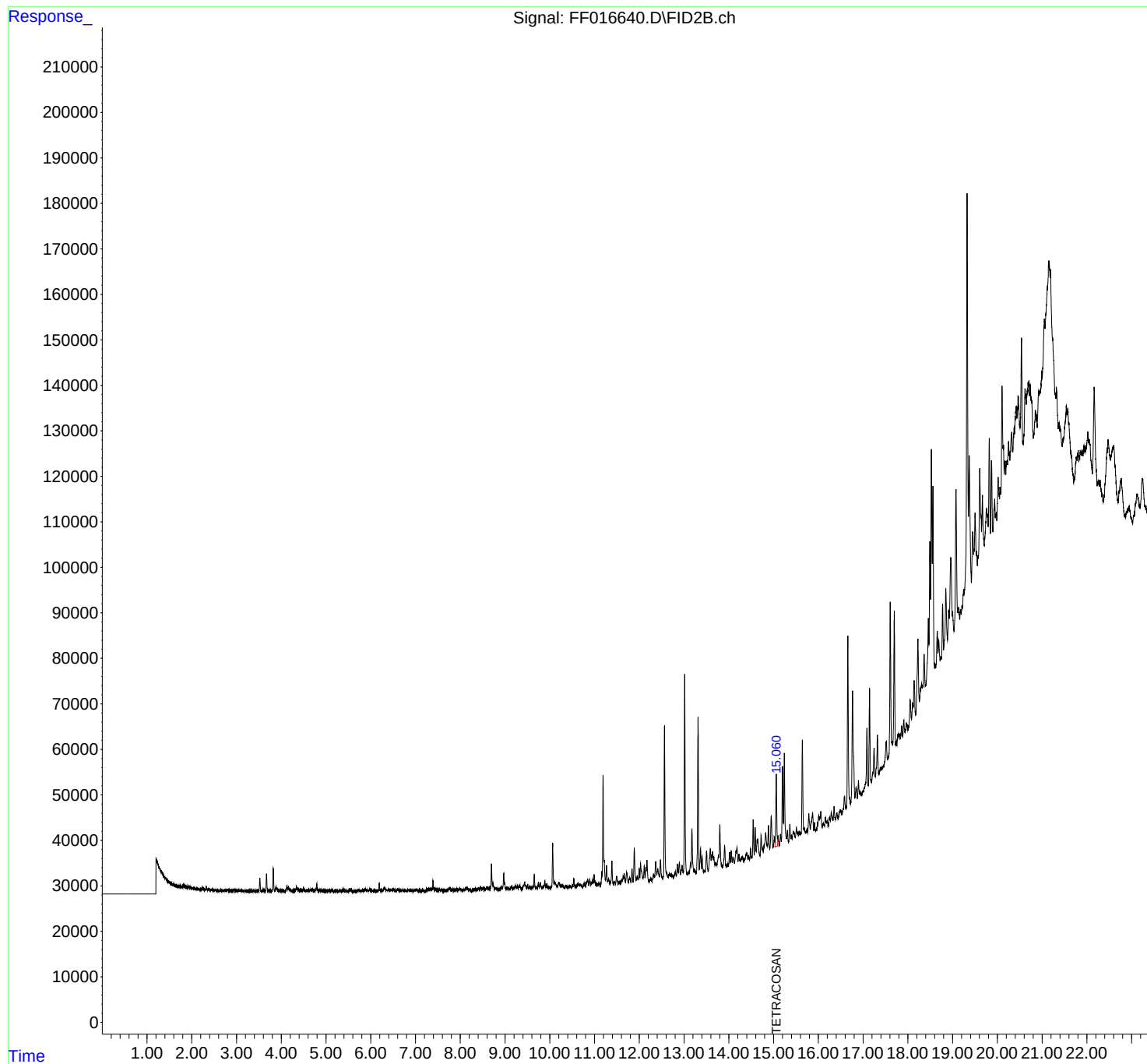
(m)=manual int.

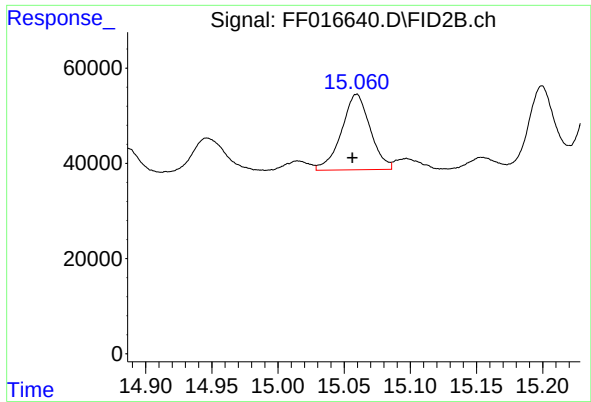
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016640.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 15:20
Operator : YP\AJ
Sample : Q3474-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTE

Integration File: autoint1.e
Quant Time: Oct 31 02:22:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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.: 15.059 min
Delta R.T.: 0.003 min
Response: 239717
Conc: 2.29 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTE

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016640.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 15:20
 Sample : Q3474-01 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.926	1.906	1.949	BV	144	1755	0.05%	0.003%
2	1.954	1.949	1.975	VV	160	1383	0.04%	0.003%
3	1.979	1.975	2.012	VV	158	1291	0.03%	0.002%
4	2.022	2.012	2.030	PV	113	385	0.01%	0.001%
5	2.044	2.030	2.079	PV	165	2626	0.07%	0.005%
6	2.084	2.079	2.109	VV	132	774	0.02%	0.001%
7	2.115	2.109	2.143	PV	92	938	0.03%	0.002%
8	2.151	2.143	2.179	VV	64	720	0.02%	0.001%
9	2.187	2.179	2.221	VV	125	1459	0.04%	0.003%
10	2.238	2.221	2.299	PV	483	8374	0.22%	0.016%
11	2.322	2.299	2.360	VV	823	11061	0.30%	0.021%
12	2.381	2.360	2.386	VV	214	2452	0.07%	0.005%
13	2.392	2.386	2.425	VV	219	3391	0.09%	0.006%
14	2.433	2.425	2.439	PV	100	497	0.01%	0.001%
15	2.490	2.487	2.499	VV	116	681	0.02%	0.001%
16	2.503	2.499	2.512	VV	143	641	0.02%	0.001%
17	2.522	2.512	2.560	VV	121	2576	0.07%	0.005%
18	2.602	2.592	2.616	PV	139	986	0.03%	0.002%
19	2.620	2.616	2.628	VV	101	472	0.01%	0.001%
20	2.685	2.671	2.695	VV	147	1151	0.03%	0.002%
21	2.705	2.695	2.713	PV	176	900	0.02%	0.002%
22	2.759	2.754	2.791	VV	173	2415	0.06%	0.005%
23	2.807	2.791	2.830	VV	458	6473	0.17%	0.012%
24	2.835	2.830	2.847	VV	204	1507	0.04%	0.003%
25	2.852	2.847	2.869	VV	158	1387	0.04%	0.003%
26	2.884	2.869	2.889	VV	126	1259	0.03%	0.002%
27	2.893	2.889	2.901	VV	201	715	0.02%	0.001%
28	2.930	2.901	2.977	VV	275	7829	0.21%	0.015%
29	2.982	2.977	2.987	VV	166	717	0.02%	0.001%
30	3.020	3.014	3.029	VV	198	1272	0.03%	0.002%
31	3.043	3.029	3.074	VV	337	5221	0.14%	0.010%
32	3.086	3.074	3.092	VV	180	1359	0.04%	0.003%
33	3.101	3.092	3.161	VV	215	5642	0.15%	0.011%
34	3.173	3.161	3.201	VV	178	2043	0.05%	0.004%
35	3.226	3.201	3.251	VV	149	2628	0.07%	0.005%
36	3.261	3.251	3.266	PV	57	287	0.01%	0.001%

					rteres			
37	3.310	3.289	3.320	VV	162	1918	0.05%	0.004%
38	3.333	3.320	3.347	VV	200	2199	0.06%	0.004%
39	3.353	3.347	3.366	VV	154	1179	0.03%	0.002%
40	3.371	3.366	3.411	VV	109	2414	0.06%	0.005%
41	3.417	3.411	3.433	VV	129	1116	0.03%	0.002%
42	3.453	3.449	3.474	VV	149	1410	0.04%	0.003%
43	3.482	3.474	3.494	VV	100	794	0.02%	0.001%
44	3.601	3.564	3.628	PV	361	5986	0.16%	0.011%
45	3.670	3.645	3.697	VV	3822	43981	1.18%	0.082%
46	3.702	3.697	3.719	VV	216	1712	0.05%	0.003%
47	3.722	3.719	3.731	VV	149	649	0.02%	0.001%
48	3.760	3.731	3.787	VV	234	4102	0.11%	0.008%
49	3.821	3.787	3.851	VV	5088	60501	1.62%	0.113%
50	3.947	3.942	3.982	VV	167	2754	0.07%	0.005%
51	3.984	3.982	3.996	VV	130	581	0.02%	0.001%
52	4.003	3.996	4.016	VV	148	1194	0.03%	0.002%
53	4.027	4.016	4.035	VV	92	655	0.02%	0.001%
54	4.041	4.035	4.055	VV	104	754	0.02%	0.001%
55	4.062	4.055	4.078	VV	98	770	0.02%	0.001%
56	4.124	4.078	4.144	PV	1106	16394	0.44%	0.031%
57	4.197	4.192	4.201	VV	293	1367	0.04%	0.003%
58	4.204	4.201	4.217	VV	272	2100	0.06%	0.004%
59	4.222	4.217	4.244	VV	199	2217	0.06%	0.004%
60	4.282	4.264	4.312	PV	156	2730	0.07%	0.005%
61	4.339	4.312	4.376	VV	1005	16567	0.44%	0.031%
62	4.494	4.466	4.531	BV	414	7512	0.20%	0.014%
63	4.534	4.531	4.558	VV	130	1626	0.04%	0.003%
64	4.611	4.607	4.633	VV	121	850	0.02%	0.002%
65	4.654	4.633	4.675	VV	381	4979	0.13%	0.009%
66	4.689	4.675	4.730	VV	350	6121	0.16%	0.011%
67	4.822	4.819	4.847	VV	179	2105	0.06%	0.004%
68	4.892	4.879	4.900	VV	174	1459	0.04%	0.003%
69	4.906	4.900	4.922	VV	95	920	0.02%	0.002%
70	4.929	4.922	4.955	VV	134	1899	0.05%	0.004%
71	4.964	4.955	5.010	VV	176	4096	0.11%	0.008%
72	5.016	5.010	5.029	VV	135	1202	0.03%	0.002%
73	5.034	5.029	5.059	VV	138	2023	0.05%	0.004%
74	5.129	5.100	5.159	VV	330	5749	0.15%	0.011%
75	5.160	5.159	5.182	VV	153	487	0.01%	0.001%
76	5.211	5.182	5.250	PV	445	3938	0.11%	0.007%
77	5.256	5.250	5.267	PV	133	714	0.02%	0.001%
78	5.290	5.267	5.296	VV	219	2081	0.06%	0.004%
79	5.301	5.296	5.315	VV	220	1871	0.05%	0.004%
80	5.343	5.339	5.352	VV	167	1031	0.03%	0.002%
81	5.377	5.352	5.391	VV	568	7355	0.20%	0.014%
82	5.396	5.391	5.448	VV	346	6610	0.18%	0.012%
83	5.462	5.448	5.503	VV	220	4093	0.11%	0.008%
84	5.522	5.503	5.547	VV	768	10233	0.27%	0.019%
85	5.562	5.547	5.593	VV	657	7385	0.20%	0.014%
86	5.625	5.619	5.632	VV	107	407	0.01%	0.001%
87	5.653	5.632	5.696	PV	226	3867	0.10%	0.007%
88	5.724	5.696	5.755	PV	497	10529	0.28%	0.020%
89	5.765	5.755	5.783	VV	217	3255	0.09%	0.006%

					rteres			
90	5.828	5.809	5.856	VV	282	6098	0.16%	0.011%
91	5.877	5.856	5.897	VV	805	9811	0.26%	0.018%
92	5.978	5.954	6.024	VV	784	13909	0.37%	0.026%
93	6.118	6.112	6.121	VV	108	459	0.01%	0.001%
94	6.140	6.121	6.149	VV	142	1775	0.05%	0.003%
95	6.189	6.149	6.225	VV	1847	24679	0.66%	0.046%
96	6.235	6.225	6.242	VV	238	2023	0.05%	0.004%
97	6.254	6.242	6.263	VV	318	3144	0.08%	0.006%
98	6.293	6.263	6.348	VV	668	23425	0.63%	0.044%
99	6.352	6.348	6.356	VV	366	1667	0.04%	0.003%
100	6.380	6.372	6.384	VV	284	1783	0.05%	0.003%
101	6.401	6.384	6.422	VV	454	7490	0.20%	0.014%
102	6.469	6.452	6.487	VV	379	5712	0.15%	0.011%
103	6.509	6.487	6.527	VV	728	10854	0.29%	0.020%
104	6.537	6.527	6.571	VV	388	6008	0.16%	0.011%
105	6.596	6.571	6.642	VV	437	12167	0.33%	0.023%
106	6.646	6.642	6.655	VV	194	1484	0.04%	0.003%
107	6.660	6.655	6.687	VV	239	3335	0.09%	0.006%
108	6.752	6.739	6.791	VV	311	4975	0.13%	0.009%
109	6.868	6.857	6.875	VV	167	1443	0.04%	0.003%
110	6.882	6.875	6.890	VV	147	1038	0.03%	0.002%
111	6.909	6.890	6.947	VV	280	4140	0.11%	0.008%
112	6.998	6.992	7.001	VV	220	1008	0.03%	0.002%
113	7.014	7.001	7.066	VV	323	8263	0.22%	0.015%
114	7.084	7.066	7.114	VV	230	4354	0.12%	0.008%
115	7.128	7.114	7.139	VV	155	1585	0.04%	0.003%
116	7.165	7.161	7.177	VV	147	953	0.03%	0.002%
117	7.193	7.177	7.198	VV	156	1246	0.03%	0.002%
118	7.201	7.198	7.212	VV	140	594	0.02%	0.001%
119	7.278	7.266	7.284	VV	423	3931	0.11%	0.007%
120	7.290	7.284	7.316	VV	353	6898	0.19%	0.013%
121	7.326	7.316	7.364	VV	512	11017	0.30%	0.021%
122	7.390	7.364	7.421	VV	2358	30994	0.83%	0.058%
123	7.483	7.476	7.511	VV	274	4559	0.12%	0.009%
124	7.527	7.511	7.554	VV	358	6048	0.16%	0.011%
125	7.572	7.554	7.594	VV	355	4806	0.13%	0.009%
126	7.602	7.594	7.640	VV	230	2720	0.07%	0.005%
127	7.664	7.640	7.689	VV	130	2200	0.06%	0.004%
128	7.706	7.689	7.722	VV	283	3572	0.10%	0.007%
129	7.743	7.722	7.752	VV	508	6197	0.17%	0.012%
130	7.769	7.752	7.809	VV	446	11572	0.31%	0.022%
131	7.833	7.809	7.869	VV	251	6040	0.16%	0.011%
132	7.902	7.869	7.970	VV	413	12600	0.34%	0.024%
133	8.019	8.009	8.062	VV	308	5911	0.16%	0.011%
134	8.069	8.062	8.099	VV	164	2742	0.07%	0.005%
135	8.126	8.099	8.217	VV	586	27040	0.73%	0.051%
136	8.226	8.217	8.261	VV	162	2156	0.06%	0.004%
137	8.370	8.357	8.394	VV	380	6114	0.16%	0.011%
138	8.412	8.394	8.429	VV	465	6947	0.19%	0.013%
139	8.509	8.494	8.527	VV	654	8362	0.22%	0.016%
140	8.541	8.527	8.559	VV	338	4817	0.13%	0.009%
141	8.588	8.559	8.606	VV	723	11807	0.32%	0.022%

					rteres			
142	8.620	8.606	8.649	VV	500	10298	0.28%	0.019%
143	8.663	8.649	8.671	VV	432	4934	0.13%	0.009%
144	8.697	8.671	8.717	VV	5801	70695	1.90%	0.133%
145	8.727	8.717	8.776	VV	1533	28424	0.76%	0.053%
146	8.797	8.776	8.822	VV	472	8595	0.23%	0.016%
147	8.836	8.822	8.859	VV	214	2850	0.08%	0.005%
148	8.921	8.859	8.936	VV	449	11234	0.30%	0.021%
149	9.087	9.082	9.099	VV	184	1606	0.04%	0.003%
150	9.186	9.169	9.196	VV	396	4548	0.12%	0.009%
151	9.233	9.196	9.255	VV	790	17372	0.47%	0.033%
152	9.274	9.255	9.296	VV	718	11249	0.30%	0.021%
153	9.415	9.369	9.423	VV	932	12381	0.33%	0.023%
154	9.439	9.423	9.489	VV	1520	31711	0.85%	0.059%
155	9.506	9.489	9.527	VV	1052	11572	0.31%	0.022%
156	9.543	9.527	9.585	VV	536	11446	0.31%	0.021%
157	9.653	9.585	9.686	VV	3172	48630	1.30%	0.091%
158	9.745	9.722	9.766	PV	1293	17034	0.46%	0.032%
159	9.889	9.827	9.907	VV	1705	27384	0.73%	0.051%
160	9.993	9.978	10.015	VV	320	4419	0.12%	0.008%
161	10.064	10.015	10.096	VV	9942	127725	3.43%	0.239%
162	10.200	10.172	10.257	VV	1257	36575	0.98%	0.069%
163	10.280	10.257	10.330	VV	525	16436	0.44%	0.031%
164	10.357	10.330	10.395	VV	559	10869	0.29%	0.020%
165	10.420	10.395	10.432	VV	370	4342	0.12%	0.008%
166	10.457	10.432	10.481	VV	421	6114	0.16%	0.011%
167	10.503	10.481	10.517	VV	415	6215	0.17%	0.012%
168	10.537	10.517	10.577	VV	1983	27868	0.75%	0.052%
169	10.588	10.577	10.602	VV	364	4151	0.11%	0.008%
170	10.624	10.602	10.662	VV	743	19754	0.53%	0.037%
171	10.782	10.739	10.802	PV	787	19405	0.52%	0.036%
172	10.892	10.872	10.917	VV	1595	25707	0.69%	0.048%
173	10.959	10.917	10.972	VV	1577	29537	0.79%	0.055%
174	10.991	10.972	11.077	VV	2604	57643	1.55%	0.108%
175	11.089	11.077	11.133	VV	500	11449	0.31%	0.021%
176	11.161	11.133	11.171	VV	3164	35960	0.96%	0.067%
177	11.190	11.171	11.245	VV	24061	352863	9.47%	0.662%
178	11.267	11.245	11.296	VV	4429	67226	1.80%	0.126%
179	11.314	11.296	11.347	VV	1247	27342	0.73%	0.051%
180	11.387	11.347	11.427	VV	5303	75828	2.03%	0.142%
181	11.448	11.427	11.467	VV	637	10651	0.29%	0.020%
182	11.492	11.467	11.531	VV	1822	33180	0.89%	0.062%
183	11.613	11.586	11.624	VV	1119	16777	0.45%	0.031%
184	11.639	11.624	11.649	VV	1719	19618	0.53%	0.037%
185	11.662	11.649	11.696	VV	2312	36236	0.97%	0.068%
186	11.717	11.696	11.752	VV	2501	48635	1.30%	0.091%
187	11.785	11.752	11.816	VV	1155	27783	0.75%	0.052%
188	11.837	11.816	11.861	VV	3226	41417	1.11%	0.078%
189	11.888	11.861	11.939	VV	7729	125222	3.36%	0.235%
190	11.956	11.939	11.977	VV	1563	23520	0.63%	0.044%
191	12.029	12.012	12.081	VV	4152	93186	2.50%	0.175%
192	12.110	12.081	12.129	VV	3554	55673	1.49%	0.104%
193	12.146	12.129	12.155	VV	3168	35481	0.95%	0.067%
194	12.328	12.282	12.342	VV	1285	28791	0.77%	0.054%

					rteres			
195	12.365	12.342	12.392	VV	4095	74650	2.00%	0.140%
196	12.414	12.392	12.450	VV	2397	56316	1.51%	0.106%
197	12.473	12.450	12.518	VV	4450	70684	1.90%	0.133%
198	12.673	12.634	12.691	VV	928	22741	0.61%	0.043%
199	12.701	12.691	12.711	VV	633	7272	0.20%	0.014%
200	12.719	12.711	12.732	VV	583	6724	0.18%	0.013%
201	12.740	12.732	12.757	VV	467	5061	0.14%	0.009%
202	12.808	12.757	12.829	VV	1239	25332	0.68%	0.047%
203	12.852	12.829	12.872	VV	2759	40545	1.09%	0.076%
204	12.896	12.872	12.919	VV	3099	51331	1.38%	0.096%
205	12.958	12.919	12.978	VV	2407	47924	1.29%	0.090%
206	13.015	12.978	13.067	VV	44259	557380	14.95%	1.045%
207	13.176	13.156	13.217	VV	9944	151040	4.05%	0.283%
208	13.231	13.217	13.272	VV	1093	19905	0.53%	0.037%
209	13.313	13.272	13.341	VV	34420	439638	11.79%	0.824%
210	13.368	13.341	13.389	VV	5482	84272	2.26%	0.158%
211	13.404	13.389	13.437	VV	3495	45034	1.21%	0.084%
212	13.457	13.437	13.469	VV	392	4974	0.13%	0.009%
213	13.503	13.469	13.537	VV	4615	75675	2.03%	0.142%
214	13.586	13.537	13.604	PV	4931	100226	2.69%	0.188%
215	13.666	13.655	13.686	VV	2811	39563	1.06%	0.074%
216	13.771	13.726	13.780	VV	3015	64665	1.73%	0.121%
217	13.799	13.780	13.860	VV	9595	146897	3.94%	0.275%
218	13.906	13.860	13.942	VV	4756	83467	2.24%	0.156%
219	13.973	13.942	13.989	VV	563	8151	0.22%	0.015%
220	14.017	13.989	14.036	VV	2973	40313	1.08%	0.076%
221	14.054	14.036	14.076	VV	3167	41917	1.12%	0.079%
222	14.225	14.206	14.244	VV	2004	26172	0.70%	0.049%
223	14.254	14.244	14.264	VV	560	5758	0.15%	0.011%
224	14.305	14.291	14.327	VV	1249	17210	0.46%	0.032%
225	14.343	14.327	14.352	VV	403	4580	0.12%	0.009%
226	14.402	14.352	14.424	VV	1776	43336	1.16%	0.081%
227	14.440	14.424	14.462	VV	980	11709	0.31%	0.022%
228	14.544	14.514	14.567	VV	8480	108749	2.92%	0.204%
229	14.646	14.612	14.691	VV	3778	101742	2.73%	0.191%
230	14.721	14.691	14.743	PV	4334	60962	1.64%	0.114%
231	14.753	14.743	14.769	VV	1289	16436	0.44%	0.031%
232	14.823	14.769	14.861	VV	4468	127295	3.41%	0.239%
233	14.886	14.861	14.912	VV	5825	89202	2.39%	0.167%
234	14.947	14.912	14.990	VV	7563	146075	3.92%	0.274%
235	15.015	14.990	15.029	VV	2463	37366	1.00%	0.070%
236	15.059	15.029	15.086	VV	16287	254542	6.83%	0.477%
237	15.097	15.086	15.129	VV	2709	39677	1.06%	0.074%
238	15.154	15.129	15.172	VV	2630	40308	1.08%	0.076%
239	15.199	15.172	15.220	VV	17493	247496	6.64%	0.464%
240	15.240	15.220	15.287	VV	20095	310201	8.32%	0.582%
241	15.309	15.287	15.334	VV	2971	43625	1.17%	0.082%
242	15.363	15.334	15.414	VV	4055	78323	2.10%	0.147%
243	15.510	15.489	15.529	VV	2395	39245	1.05%	0.074%
244	15.575	15.557	15.594	VV	1313	24055	0.65%	0.045%
245	15.643	15.616	15.677	VV	21393	306640	8.23%	0.575%
246	15.687	15.677	15.714	VV	1637	27876	0.75%	0.052%

					rteres			
247	15.744	15.714	15.762	VV	1249	25355	0.68%	0.048%
248	15.787	15.762	15.822	VV	4581	87456	2.35%	0.164%
249	15.872	15.822	15.897	VV	4472	117211	3.14%	0.220%
250	15.914	15.897	15.940	VV	2047	27112	0.73%	0.051%
251	16.009	15.940	16.026	VV	3144	72741	1.95%	0.136%
252	16.056	16.026	16.091	VV	3856	85004	2.28%	0.159%
253	16.111	16.091	16.137	VV	992	19229	0.52%	0.036%
254	16.161	16.137	16.182	VV	2228	35986	0.97%	0.067%
255	16.200	16.182	16.221	VV	1204	18352	0.49%	0.034%
256	16.251	16.221	16.269	PV	1659	26999	0.72%	0.051%
257	16.291	16.269	16.328	VV	2565	50662	1.36%	0.095%
258	16.352	16.328	16.381	VV	3355	47996	1.29%	0.090%
259	16.413	16.381	16.437	VV	1354	21083	0.57%	0.040%
260	16.501	16.437	16.532	PV	1222	36170	0.97%	0.068%
261	16.585	16.532	16.629	VV	3384	76965	2.06%	0.144%
262	16.765	16.717	16.819	VV	24826	524013	14.06%	0.982%
263	16.845	16.819	16.872	VV	2671	54077	1.45%	0.101%
264	16.897	16.872	16.921	VV	3857	56442	1.51%	0.106%
265	16.931	16.921	16.961	VV	968	15065	0.40%	0.028%
266	16.992	16.961	17.002	PV	590	7052	0.19%	0.013%
267	17.086	17.002	17.116	VV	13339	218771	5.87%	0.410%
268	17.145	17.116	17.184	VV	21325	293713	7.88%	0.551%
269	17.245	17.184	17.276	VV	7039	134915	3.62%	0.253%
270	17.321	17.276	17.354	VV	8870	147864	3.97%	0.277%
271	17.517	17.420	17.546	VV	5026	135467	3.63%	0.254%
272	17.697	17.661	17.725	VV	31851	486826	13.06%	0.913%
273	17.738	17.725	17.752	VV	2647	35000	0.94%	0.066%
274	17.808	17.797	17.833	VV	3436	60530	1.62%	0.113%
275	17.861	17.833	17.884	VV	4451	96487	2.59%	0.181%
276	17.909	17.884	17.942	VV	5155	118169	3.17%	0.222%
277	17.968	17.942	18.004	VV	3906	111670	3.00%	0.209%
278	18.052	18.004	18.082	VV	7971	215161	5.77%	0.403%
279	18.107	18.082	18.121	VV	6426	124503	3.34%	0.233%
280	18.225	18.181	18.256	VV	19159	483052	12.96%	0.906%
281	18.307	18.256	18.336	VV	8544	356806	9.57%	0.669%
282	18.363	18.336	18.392	VV	14336	339910	9.12%	0.637%
283	18.458	18.392	18.472	VV	21023	596140	15.99%	1.118%
284	18.491	18.472	18.506	VV	37391	565118	15.16%	1.060%
285	18.560	18.544	18.616	VV	49026	979301	26.27%	1.836%
286	18.657	18.616	18.672	VV	15784	392691	10.53%	0.736%
287	18.736	18.722	18.745	VV	9318	123522	3.31%	0.232%
288	18.776	18.745	18.799	VV	20314	437962	11.75%	0.821%
289	18.848	18.799	18.885	VV	22794	778456	20.88%	1.460%
290	18.962	18.927	19.032	VV	28320	1201518	32.23%	2.253%
291	19.076	19.032	19.119	VV	42054	1179763	31.65%	2.212%
292	19.179	19.159	19.193	VV	14456	274713	7.37%	0.515%
293	19.213	19.193	19.221	VV	14457	238492	6.40%	0.447%
294	19.252	19.221	19.260	VV	17950	391754	10.51%	0.735%
295	19.535	19.532	19.553	VV	22994	262581	7.04%	0.492%
296	19.667	19.646	19.705	VV	33726	967208	25.95%	1.813%
297	19.759	19.705	19.795	VV	29411	1430554	38.38%	2.682%
298	19.819	19.795	19.845	VV	44333	996859	26.74%	1.869%
299	19.870	19.845	19.902	VV	38697	1019762	27.36%	1.912%

					rteres			
300	20.019	19.988	20.049	VV	33102	1093233	29.33%	2.050%
301	20.059	20.049	20.075	VV	30441	464916	12.47%	0.872%
302	20.106	20.075	20.154	VV	52204	1864101	50.01%	3.495%
303	20.172	20.154	20.187	VV	35195	680932	18.27%	1.277%
304	20.216	20.187	20.227	VV	34627	813848	21.83%	1.526%
305	20.251	20.227	20.280	VV	38604	1130421	30.33%	2.119%
306	20.319	20.280	20.345	VV	39711	1457578	39.10%	2.733%
307	20.377	20.345	20.384	VV	39773	892646	23.95%	1.674%
308	20.426	20.384	20.439	VV	44068	1397372	37.49%	2.620%
309	20.465	20.439	20.511	VV	45204	1819429	48.81%	3.411%
310	20.540	20.511	20.584	VV	57562	1882477	50.50%	3.530%
311	20.707	20.646	20.719	VV	46491	1956432	52.48%	3.668%
312	20.850	20.806	20.892	VV	37790	1854586	49.75%	3.477%
313	20.922	20.892	20.937	VV	41543	1059124	28.41%	1.986%
314	21.051	20.937	21.071	VV	55871	3727631	100.00%	6.989%
315	21.320	21.311	21.371	VV	37552	1172795	31.46%	2.199%
316	21.377	21.371	21.392	VV	29151	363632	9.76%	0.682%
317	21.541	21.450	21.556	VV	30735	1693731	45.44%	3.176%
318	21.765	21.703	21.781	VV	16752	678450	18.20%	1.272%
319	21.807	21.781	21.822	VV	17972	422140	11.32%	0.791%
320	21.852	21.822	21.862	VV	17371	387844	10.40%	0.727%
321	21.869	21.862	21.881	VV	16835	190922	5.12%	0.358%
322	21.892	21.881	21.912	VV	17113	306318	8.22%	0.574%
323	21.934	21.912	21.944	VV	17556	323671	8.68%	0.607%
324	21.957	21.944	21.969	VV	16954	249149	6.68%	0.467%
325	22.021	21.969	22.122	VV	19349	1431221	38.39%	2.683%
326	22.265	22.239	22.279	VV	5962	131195	3.52%	0.246%
327	22.297	22.279	22.337	VV	5462	135652	3.64%	0.254%
328	22.345	22.337	22.362	VV	1961	17256	0.46%	0.032%
					Sum of corrected areas:	53334939		

FF102925.M Fri Oct 31 03:52:24 2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: SCIA01

ProjectID: 7 Rynda Road, Maplewood

Lab Code: ACE

SDG No.: Q3474

Calibration Sequence : FF102925			Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID	
85	9472915	111446	FF016603.D	
170	18165984	106859	FF016604.D	
340	37023074	108891	FF016605.D	
850	89698209	105527	FF016606.D	
1700	169764046	99861	FF016607.D	
AVG RF : 106517		% RSD : 4.074	AVG RT : 15.059	

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 7 Rynda Road, Maplewood
Lab Code: ACE SDG No.: Q3474
DataFile: FF016632.D Analyst Name: YP\AJ Analyst Date: 10-30-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	84691500	99637	106517	6.459

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016632.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 11:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 31 02:19:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.058	4863197	46.549 ug/ml
Target Compounds			
1) N-OCTANE	2.039	5130934	46.227 ug/ml
2) N-DECANE	4.574	5190161	46.907 ug/ml
3) N-DODECANE	6.753	5240413	47.174 ug/ml
4) N-TETRADECANE	8.586	5318144	47.605 ug/ml
5) N-HEXADECANE	10.195	5341028	47.536 ug/ml
6) N-OCTADECANE	11.640	5490567	46.917 ug/ml
7) N-EICOSANE	12.955	5671399	46.446 ug/ml
8) N-DOCOSANE	14.155	5533705	46.422 ug/ml
10) N-TETRACOSANE	15.262	5528170	46.655 ug/ml
11) N-HEXACOSANE	16.288	5364115	46.694 ug/ml
12) N-OCTACOSANE	17.241	5301095	46.519 ug/ml
13) N-TRIACONTANE	18.131	5221371	46.471 ug/ml
14) N-DOTRIACONTANE	18.968	4947461	46.153 ug/ml
15) N-TETRATRIACONTANE	19.755	4560348	46.410 ug/ml
16) N-HEXATRIACONTANE	20.498	4002518	46.808 ug/ml
17) N-OCTATRIACONTANE	21.255	3594228	46.829 ug/ml
18) N-TETRACONTANE	22.203	3255843	47.706 ug/ml

(f)=RT Delta > 1/2 Window

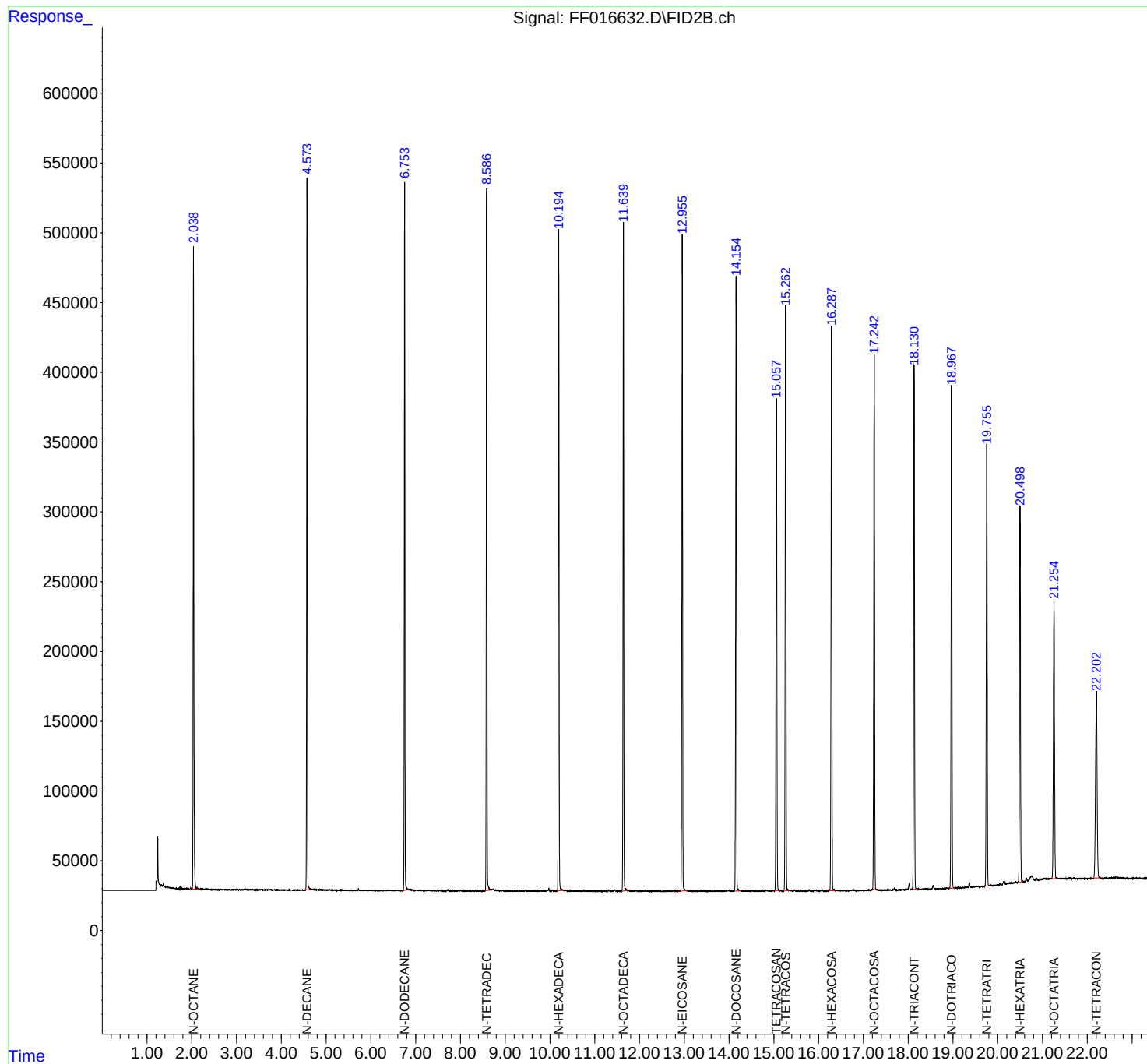
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016632.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 11:23
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Oct 31 02:19:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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_F\Data\FF103025\
 Data File : FF016632.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 11:23
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.039	2.002	2.149	BB	460452	5130934	90.47%	5.729%
2	4.574	4.537	4.664	BB	510330	5190161	91.51%	5.796%
3	6.753	6.716	6.847	BB	506530	5240413	92.40%	5.852%
4	8.586	8.549	8.689	BB	502260	5318144	93.77%	5.938%
5	10.195	10.154	10.296	BB	472701	5341028	94.17%	5.964%
6	11.640	11.601	11.729	BB	476254	5490567	96.81%	6.131%
7	12.955	12.864	13.056	BB	470475	5671399	100.00%	6.333%
8	14.155	14.116	14.254	BB	438127	5533705	97.57%	6.179%
9	15.058	15.014	15.131	BB	352399	4863197	85.75%	5.430%
10	15.262	15.209	15.347	BB	419420	5528170	97.47%	6.173%
11	16.288	16.239	16.371	BB	404424	5364115	94.58%	5.990%
12	17.241	17.201	17.317	BB	383781	5301095	93.47%	5.919%
13	18.131	18.076	18.202	BB	376203	5221371	92.06%	5.830%
14	18.968	18.921	19.037	BB	359713	4947461	87.24%	5.525%
15	19.755	19.701	19.826	BB	316708	4560348	80.41%	5.092%
16	20.498	20.451	20.574	BB	270358	4002518	70.57%	4.469%
17	21.255	21.201	21.321	BB	199857	3594228	63.37%	4.013%
18	22.203	22.141	22.280	BBA	133831	3255843	57.41%	3.636%
Sum of corrected areas:						89554698		

FF102925.M Fri Oct 31 03:39:26 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 7 Rynda Road, Maplewood
Lab Code: ACE SDG No.: Q3474
DataFile: FF016642.D Analyst Name: YP\AJ Analyst Date: 10-30-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	89241081	104990	106517	1.434

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016642.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 16:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 31 02:23:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.064	4908262	46.980 ug/ml
Target Compounds			
1) N-OCTANE	2.042	5503468	49.583 ug/ml
2) N-DECANE	4.576	5661170	51.164 ug/ml
3) N-DODECANE	6.756	5701201	51.322 ug/ml
4) N-TETRADECANE	8.589	5690854	50.942 ug/ml
5) N-HEXADECANE	10.199	5653977	50.321 ug/ml
6) N-OCTADECANE	11.645	5767112	49.280 ug/ml
7) N-EICOSANE	12.958	5883664	48.185 ug/ml
8) N-DOCOSANE	14.162	5666373	47.535 ug/ml
10) N-TETRACOSANE	15.268	5594925	47.219 ug/ml
11) N-HEXACOSANE	16.293	5363442	46.688 ug/ml
12) N-OCTACOSANE	17.247	5258244	46.143 ug/ml
13) N-TRIACONTANE	18.140	5268771	46.893 ug/ml
14) N-DOTRIACONTANE	18.976	5244186	48.921 ug/ml
15) N-TETRATRIACONTANE	19.764	4997205	50.856 ug/ml
16) N-HEXATRIACONTANE	20.506	4452874	52.075 ug/ml
17) N-OCTATRIACONTANE	21.265	3930120	51.205 ug/ml
18) N-TETRACONTANE	22.216	3603495	52.800 ug/ml

(f)=RT Delta > 1/2 Window

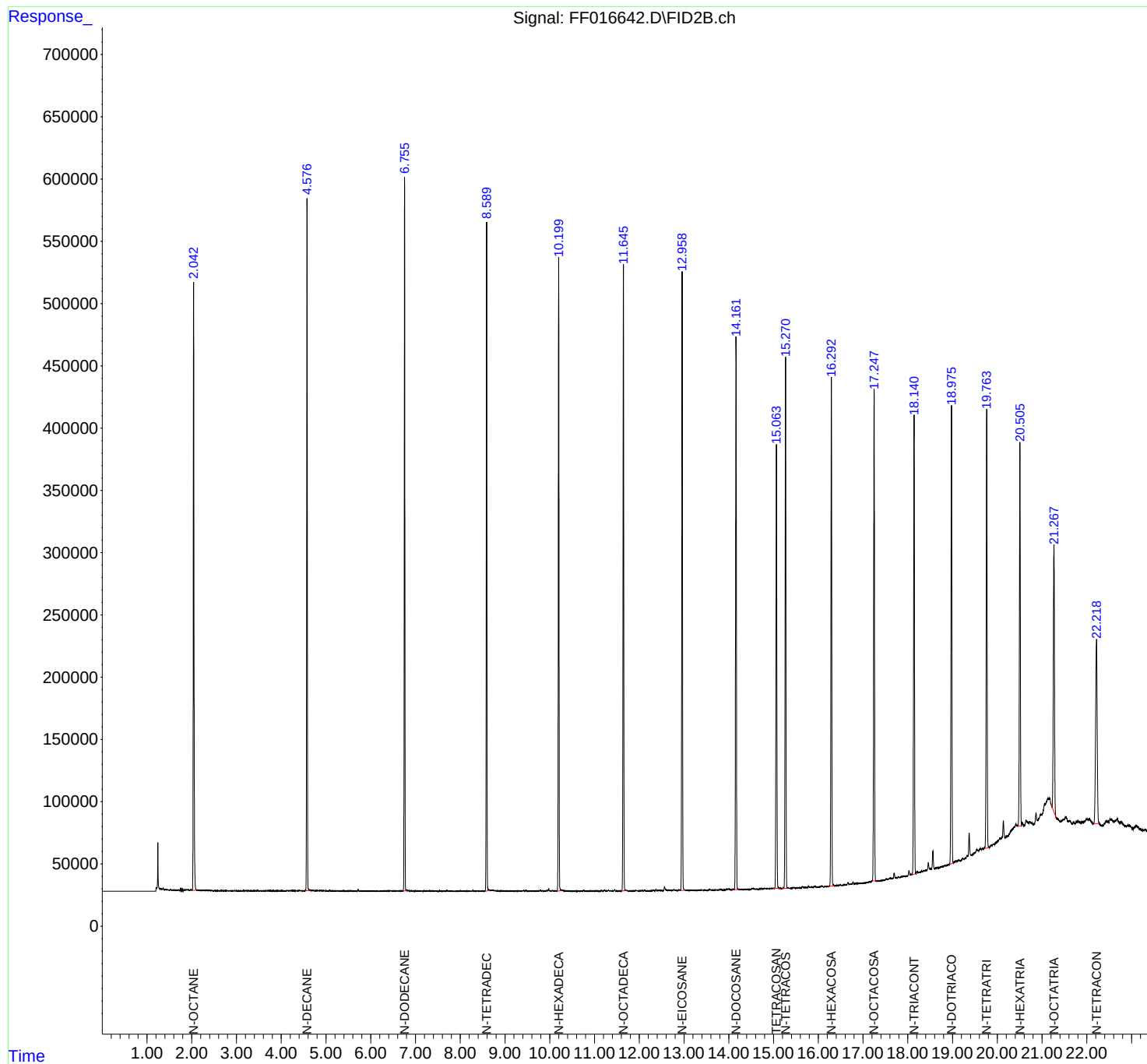
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016642.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 16:19
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Oct 31 02:23:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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_F\Data\FF103025\
Data File : FF016642.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 16:19
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.042	2.007	2.126	BB	487999	5503468	93.54%	5.845%
2	4.576	4.539	4.657	BB	553835	5661170	96.22%	6.013%
3	6.756	6.722	6.819	BB	573318	5701201	96.90%	6.055%
4	8.589	8.556	8.674	BB	535763	5690854	96.72%	6.044%
5	10.199	10.159	10.282	BB	508668	5653977	96.10%	6.005%
6	11.645	11.602	11.716	BB	503555	5767112	98.02%	6.125%
7	12.958	12.919	13.042	BB	496035	5883664	100.00%	6.249%
8	14.162	14.069	14.237	BB	443351	5666373	96.31%	6.018%
9	15.064	15.001	15.134	BB	356066	4908262	83.42%	5.213%
10	15.268	15.187	15.339	BB	426305	5594925	95.09%	5.943%
11	16.293	16.206	16.374	BB	408326	5363442	91.16%	5.697%
12	17.247	17.201	17.311	BB	394897	5258244	89.37%	5.585%
13	18.140	18.083	18.178	PV	368456	5268771	89.55%	5.596%
14	18.976	18.921	19.027	BV	366879	5244186	89.13%	5.570%
15	19.764	19.701	19.822	BV	352779	4997205	84.93%	5.308%
16	20.506	20.451	20.545	BV	308452	4452874	75.68%	4.730%
17	21.265	21.201	21.321	BV	214713	3930120	66.80%	4.174%
18	22.216	22.141	22.280	BBA	146443	3603495	61.25%	3.827%
Sum of corrected areas:							94149343	

FF102925.M Fri Oct 31 03:42:52 2025

Analytical Sequence

Client: Sciacca General Contractors, LLC

SDG No.: Q3474

Project: 7 Rynda Road, Maplewood

Instrument ID: FID_F

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 15.059					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	30 Oct 2025 10:24	FF016631.D	15.056	
50 PPM TRPH STD	50 PPM TRPH STD	30 Oct 2025 11:23	FF016632.D	15.058	
PB170324BL	PB170324BL	30 Oct 2025 12:22	FF016634.D	15.057	
PB170324BS	PB170324BS	30 Oct 2025 12:52	FF016635.D	15.056	
WASTEMS	Q3474-01MS	30 Oct 2025 14:21	FF016638.D	15.010	
WASTEMSD	Q3474-01MSD	30 Oct 2025 14:50	FF016639.D	15.012	
WASTE	Q3474-01	30 Oct 2025 15:20	FF016640.D	15.015	
PIBLK02	LBLK02	30 Oct 2025 15:49	FF016641.D	15.062	
50 PPM TRPH STD	50 PPM TRPH STD	30 Oct 2025 16:19	FF016642.D	15.064	



QC SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	7 Rynda Road, Maplewood		Date Received:	
Client Sample ID:	PB170324BL		SDG No.:	Q3474
Lab Sample ID:	PB170324BL		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date 10/29/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	384	U	1	384	2830	ug/kg	10/30/25 12:22	PB170324
SURROGATES									
16416-32-3	TETRACOSANE-d50	16.2			37 - 130	81%	SPK: 20		

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_F\Data\FF103025\
Data File : FF016634.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 12:22
Operator : YP\AJ
Sample : PB170324BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170324BL

Integration File: autoint1.e
Quant Time: Oct 31 02:20:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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...	15.057	1694064	16.215 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

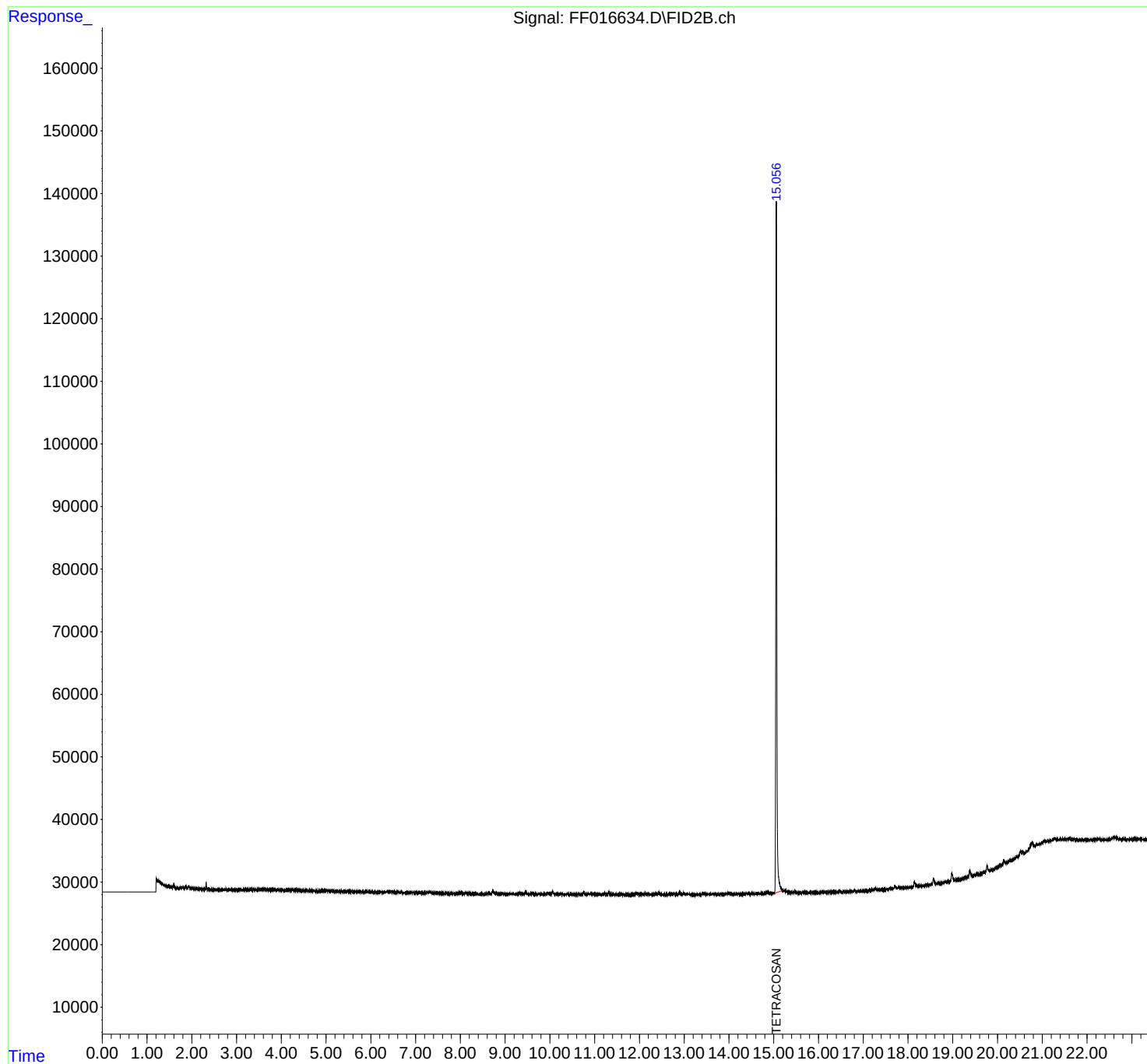
(m)=manual int.

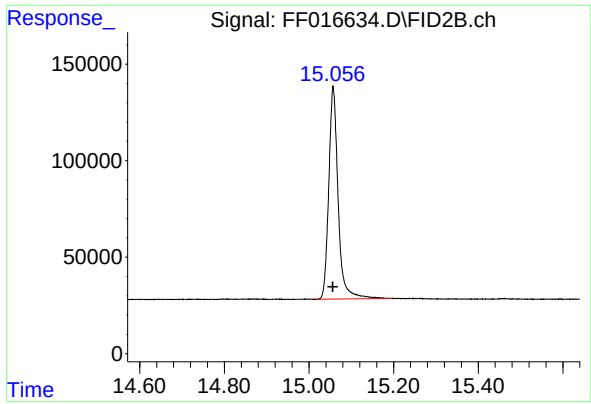
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016634.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 12:22
Operator : YP\AJ
Sample : PB170324BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170324BL

Integration File: autoint1.e
Quant Time: Oct 31 02:20:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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.: 15.057 min
Delta R.T.: 0.001 min
Response: 1694064
Conc: 16.22 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016634.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 12:22
Sample : PB170324BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.057	15.017	15.195	BB	110117	1694064	100.00%	100.000%
Sum of corrected areas:						1694064		

FF102925.M Fri Oct 31 03:40:17 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	10/30/25
Project:	7 Rynda Road, Maplewood		Date Received:	10/30/25
Client Sample ID:	PIBLK-FF016631.D		SDG No.:	Q3474
Lab Sample ID:	I.BLK-FF016631.D		Matrix:	Water
Analytical Method:	8015D TPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL	Test:
Prep Method:	SW3510	Prep Date:		TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	12.0	U	1	12.0	85.0	ug/L	10/30/25	FF103025
SURROGATES									
16416-32-3	TETRACOSANE-d50	17.9			29 - 130	90%	SPK: 20		

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_F\Data\FF103025\
Data File : FF016631.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 10:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Oct 31 02:19:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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...	15.056	1874082	17.938 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

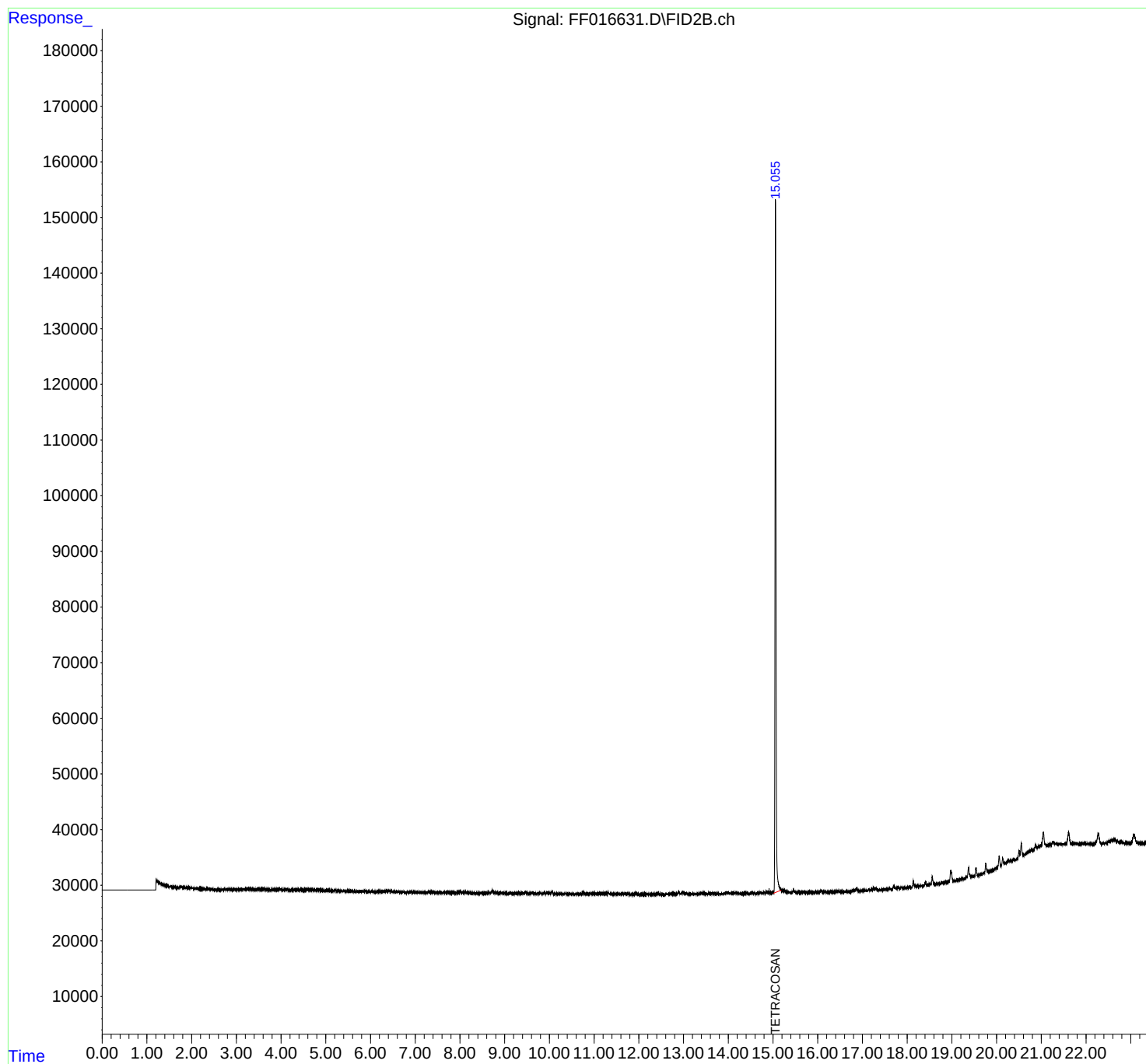
(m)=manual int.

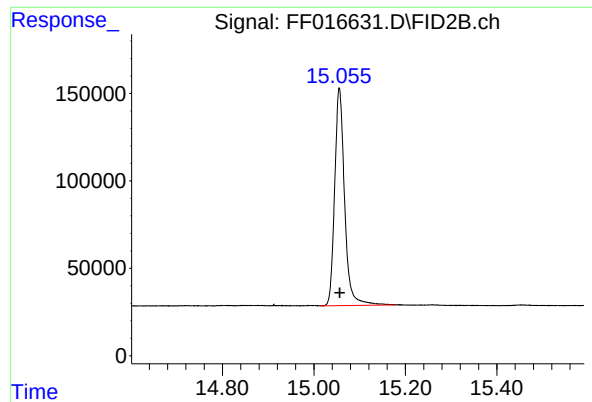
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016631.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 10:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Oct 31 02:19:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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.: 15.056 min
Delta R.T.: 0.000 min
Response: 1874082
Conc: 17.94 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016631.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 10:24
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.056	15.014	15.179	BB	124482	1874082	100.00%	100.000%
Sum of corrected areas:						1874082		

FF102925.M Fri Oct 31 03:39:02 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	10/30/25
Project:	7 Rynda Road, Maplewood		Date Received:	10/30/25
Client Sample ID:	PIBLK-FF016641.D		SDG No.:	Q3474
Lab Sample ID:	I.BLK-FF016641.D		Matrix:	Water
Analytical Method:	8015D TPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	12.0	U	1	12.0	85.0	ug/L	10/30/25	FF103025
SURROGATES									
16416-32-3	TETRACOSANE-d50	18.6			29 - 130	93%	SPK: 20		

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_F\Data\FF103025\
Data File : FF016641.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 15:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Oct 31 02:22:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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...	15.062	1945668	18.623 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

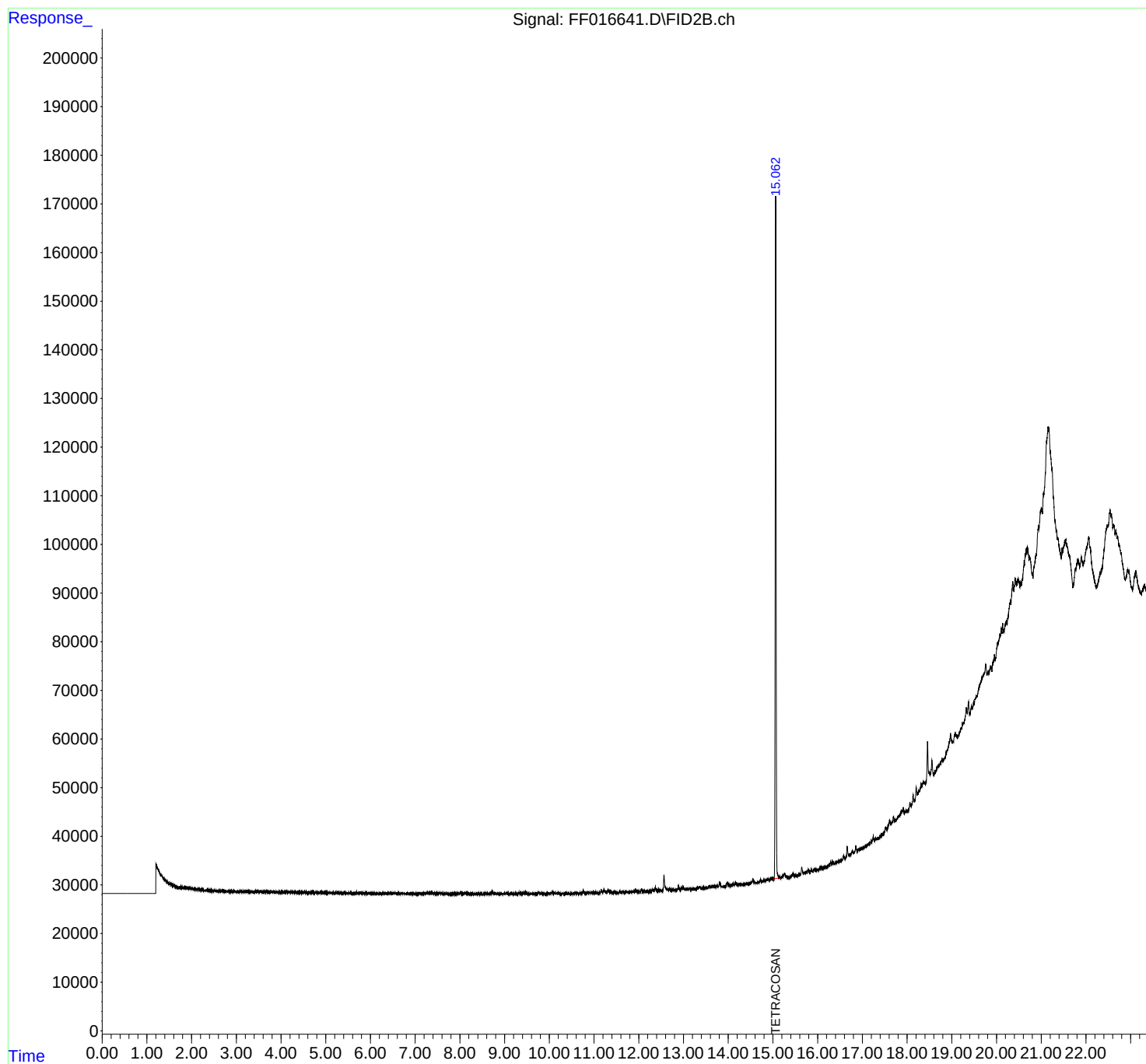
(m)=manual int.

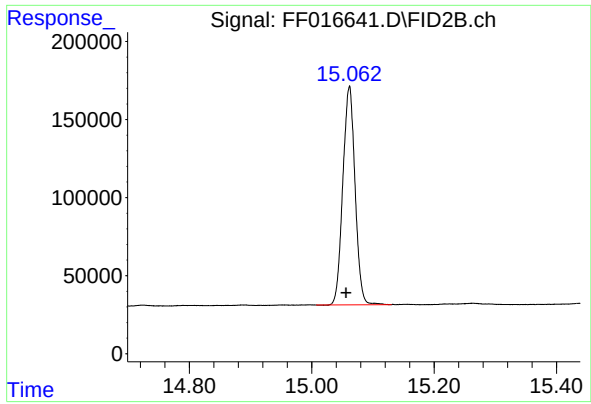
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016641.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 15:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Oct 31 02:22:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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.: 15.062 min
Delta R.T.: 0.005 min
Response: 1945668
Conc: 18.62 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016641.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 15:49
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.062	15.007	15.130	BB	140546	1945668	100.00%	100.000%
Sum of corrected areas:						1945668		

FF102925.M Fri Oct 31 03:41:10 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	7 Rynda Road, Maplewood		Date Received:	
Client Sample ID:	PB170324BS		SDG No.:	Q3474
Lab Sample ID:	PB170324BS		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date 10/29/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	11300		1	384	2830	ug/kg	10/30/25 12:52	PB170324
SURROGATES									
16416-32-3	TETRACOSANE-d50	18.4			37 - 130	92%	SPK: 20		

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_F\Data\FF103025\
 Data File : FF016635.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 12:52
 Operator : YP\AJ
 Sample : PB170324BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170324BS

Integration File: autoint1.e
 Quant Time: Oct 31 02:20:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.056	1918098	18.359 ug/ml
Target Compounds			
1) N-OCTANE	2.043	1796883	16.189 ug/ml
2) N-DECANE	4.573	2033504	18.378 ug/ml
3) N-DODECANE	6.751	2071244	18.645 ug/ml
4) N-TETRADECANE	8.584	2121414	18.990 ug/ml
5) N-HEXADECANE	10.193	2143776	19.080 ug/ml
6) N-OCTADECANE	11.639	2219710	18.967 ug/ml
7) N-EICOSANE	12.953	2306165	18.887 ug/ml
8) N-DOCOSANE	14.154	2252846	18.899 ug/ml
10) N-TETRACOSANE	15.261	2255410	19.035 ug/ml
11) N-HEXACOSANE	16.286	2193001	19.090 ug/ml
12) N-OCTACOSANE	17.239	2173702	19.075 ug/ml
13) N-TRIACONTANE	18.130	2160479	19.229 ug/ml
14) N-DOTRIACONTANE	18.967	2208427	20.602 ug/ml
15) N-TETRATRIACONTANE	19.754	2373945	24.159 ug/ml
16) N-HEXATRIACONTANE	20.496	2266182	26.502 ug/ml
17) N-OCTATRIACONTANE	21.254	1990960	25.940 ug/ml
18) N-TETRACONTANE	22.200	1660480	24.330 ug/ml

(f)=RT Delta > 1/2 Window

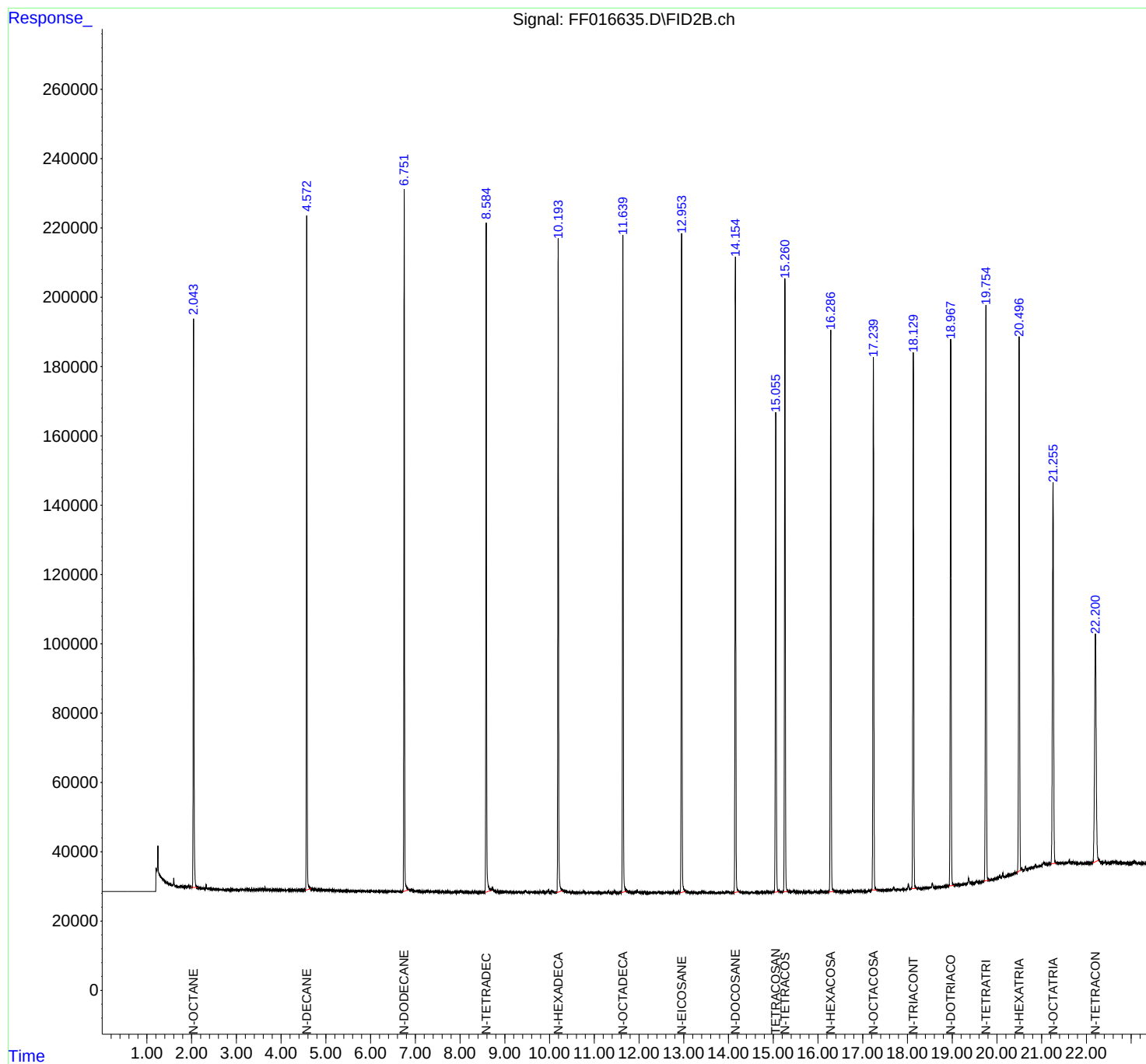
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016635.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 12:52
Operator : YP\AJ
Sample : PB170324BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170324BS

Integration File: autoint1.e
Quant Time: Oct 31 02:20:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 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_F\Data\FF103025\
Data File : FF016635.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 12:52
Sample : PB170324BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.043	1.992	2.134	BB	163811	1796883	75.69%	4.711%
2	4.573	4.541	4.662	BB	194476	2033504	85.66%	5.331%
3	6.751	6.722	6.852	BB	202027	2071244	87.25%	5.430%
4	8.584	8.554	8.692	BB	192537	2121414	89.36%	5.561%
5	10.193	10.154	10.294	BB	188465	2143776	90.30%	5.620%
6	11.639	11.604	11.732	BB	189509	2219710	93.50%	5.819%
7	12.953	12.914	13.042	BB	189203	2306165	97.14%	6.046%
8	14.154	14.114	14.236	BB	183142	2252846	94.90%	5.906%
9	15.056	15.017	15.131	BB	138508	1918098	80.80%	5.028%
10	15.261	15.224	15.334	BB	177194	2255410	95.01%	5.913%
11	16.286	16.241	16.362	BB	162229	2193001	92.38%	5.749%
12	17.239	17.201	17.317	BB	153882	2173702	91.56%	5.698%
13	18.130	18.084	18.206	BB	154986	2160479	91.01%	5.664%
14	18.967	18.921	19.047	BB	157876	2208427	93.03%	5.789%
15	19.754	19.701	19.824	BB	166064	2373945	100.00%	6.223%
16	20.496	20.451	20.539	BV	154354	2266182	95.46%	5.941%
17	21.254	21.201	21.327	BB	109379	1990960	83.87%	5.219%
18	22.200	22.141	22.280	BBA	65813	1660480	69.95%	4.353%
Sum of corrected areas:							38146225	

FF102925.M Fri Oct 31 03:40:46 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood		Date Received:	10/27/25
Client Sample ID:	WASTEMS		SDG No.:	Q3474
Lab Sample ID:	Q3474-01MS		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	87.2
Sample Wt/Vol:	30.07 g	Final Vol:	1 mL	Test:
Prep Method:	SW3541	Prep Date	10/29/25	TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	93000	E	1	439	3240	ug/kg	10/30/25 14:21	PB170324
SURROGATES									
16416-32-3	TETRACOSANE-d50	11.3			37 - 130	56%	SPK: 20		

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_F\Data\FF103025\
 Data File : FF016638.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 14:21
 Operator : YP\AJ
 Sample : Q3474-01MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 31 02:21:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.058	1177063	11.266 ug/ml
Target Compounds			
1) N-OCTANE	2.059	1769933	15.946 ug/ml
2) N-DECANE	4.576	2153319	19.461 ug/ml
3) N-DODECANE	6.752	2216916	19.957 ug/ml
4) N-TETRADECANE	8.585	2224368	19.911 ug/ml
5) N-HEXADECANE	10.194	2397697	21.340 ug/ml
6) N-OCTADECANE	11.641	2542507	21.726 ug/ml
7) N-EICOSANE	12.954	2383135	19.517 ug/ml
8) N-DOCOSANE	14.157	2527752	21.205 ug/ml
10) N-TETRACOSANE	15.263	2230504	18.825 ug/ml
11) N-HEXACOSANE	16.291	2159688	18.800 ug/ml
12) N-OCTACOSANE	17.244	2312212	20.290 ug/ml
13) N-TRIACONTANE	18.137	2840719	25.283 ug/ml
14) N-DOTRIACONTANE	18.974	3388503	31.610 ug/mlm
15) N-TETRATRIACONTANE	19.763	2904871	29.563 ug/ml
16) N-HEXATRIACONTANE	20.506	2626543	30.717 ug/ml
17) N-OCTATRIACONTANE	21.266	2609516	33.999 ug/mlm
18) N-TETRACONTANE	22.216	2877423	42.162 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016638.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 14:21
Operator : YP\AJ
Sample : Q3474-01MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

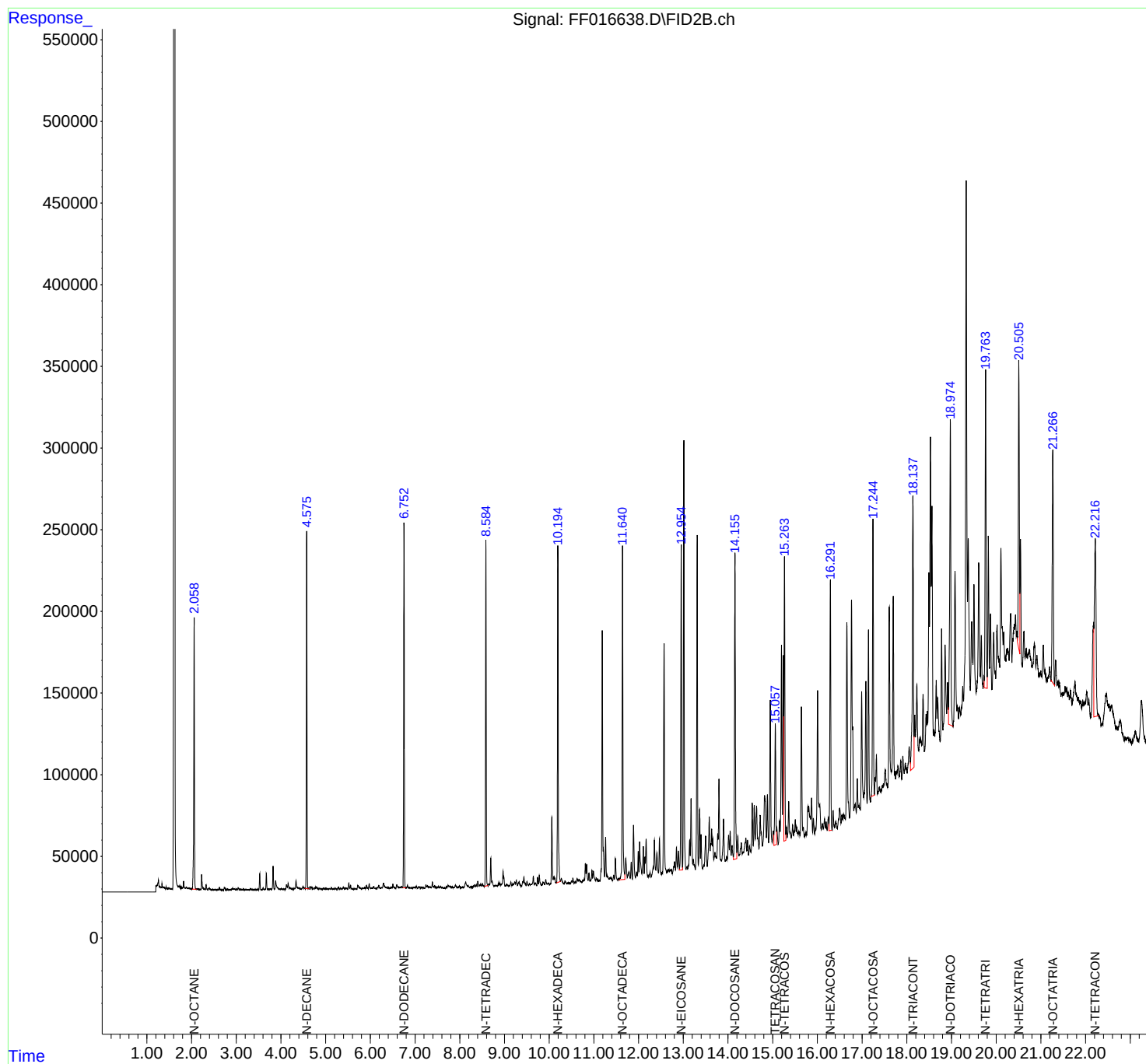
Instrument :
FID_F
ClientSampleId :
WASTEMS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File: autoint1.e
Quant Time: Oct 31 02:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :

FID_F

ClientSampleId :

WASTEMS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF10302
Data File : FF016638.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 14:21
Sample : Q3474-01MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.936	1.906	1.952	BV	376	2290	0.03%	0.001%
2	1.961	1.952	1.974	PV	263	1579	0.02%	0.001%
3	1.997	1.974	2.013	VV	463	4686	0.06%	0.002%
4	2.059	2.013	2.123	PV	166312	1773335	21.20%	0.680%
5	2.128	2.123	2.149	VV	253	2051	0.02%	0.001%
6	2.151	2.149	2.189	VV	187	1225	0.01%	0.000%
7	2.208	2.189	2.215	PV	181	1824	0.02%	0.001%
8	2.225	2.215	2.307	VV	9112	109280	1.31%	0.042%
9	2.326	2.307	2.365	VV	3207	35765	0.43%	0.014%
10	2.396	2.365	2.441	VV	998	20269	0.24%	0.008%
11	2.468	2.441	2.493	VV	282	5747	0.07%	0.002%
12	2.500	2.493	2.517	VV	288	3056	0.04%	0.001%
13	2.529	2.517	2.558	VV	257	4374	0.05%	0.002%
14	2.566	2.558	2.590	VV	130	1595	0.02%	0.001%
15	2.624	2.590	2.685	VV	1736	23187	0.28%	0.009%
16	2.690	2.685	2.700	VV	100	590	0.01%	0.000%
17	2.734	2.700	2.773	PV	1752	30262	0.36%	0.012%
18	2.800	2.773	2.821	VV	522	9293	0.11%	0.004%
19	2.829	2.821	2.840	VV	378	3422	0.04%	0.001%
20	2.843	2.840	2.871	VV	339	5325	0.06%	0.002%
21	2.917	2.871	2.943	VV	1007	24438	0.29%	0.009%
22	2.955	2.943	2.984	VV	773	13575	0.16%	0.005%
23	3.010	2.984	3.024	VV	613	11345	0.14%	0.004%
24	3.045	3.024	3.086	VV	1525	25686	0.31%	0.010%
25	3.102	3.086	3.149	VV	592	11685	0.14%	0.004%
26	3.165	3.149	3.201	VV	446	8105	0.10%	0.003%
27	3.218	3.201	3.258	VV	356	8082	0.10%	0.003%
28	3.262	3.258	3.287	VV	173	1753	0.02%	0.001%
29	3.320	3.287	3.360	VV	793	15066	0.18%	0.006%
30	3.364	3.360	3.382	VV	211	2831	0.03%	0.001%
31	3.385	3.382	3.405	VV	222	2375	0.03%	0.001%
32	3.416	3.405	3.426	VV	246	2368	0.03%	0.001%
33	3.435	3.426	3.462	VV	306	4566	0.05%	0.002%
34	3.468	3.462	3.475	VV	215	1243	0.01%	0.000%
35	3.487	3.475	3.499	VV	252	3027	0.04%	0.001%
36	3.525	3.499	3.580	VV	10015	106848	1.28%	0.041%

					rters			
37	3.599	3.580	3.620	VV	1226	14254	0.17%	0.005%
38	3.637	3.620	3.650	VV	468	5971		
39	3.673	3.650	3.716	VV	10148	109702		
40	3.733	3.716	3.743	VV	363	4886		
41	3.759	3.743	3.789	VV	839	14689		
42	3.823	3.789	3.857	VV	14584	159670		
43	3.880	3.857	3.979	VV	5561	127880	1.53%	0.049%
44	4.004	3.979	4.055	VV	552	17517	0.21%	0.007%
45	4.062	4.055	4.074	VV	386	3246	0.04%	0.001%
46	4.081	4.074	4.094	VV	297	2914	0.03%	0.001%
47	4.123	4.094	4.142	VV	3136	46552	0.56%	0.018%
48	4.161	4.142	4.186	VV	3976	58454	0.70%	0.022%
49	4.199	4.186	4.253	VV	1260	31684	0.38%	0.012%
50	4.274	4.253	4.283	VV	524	7737	0.09%	0.003%
51	4.298	4.283	4.308	VV	721	9283	0.11%	0.004%
52	4.336	4.308	4.375	VV	5490	89332	1.07%	0.034%
53	4.385	4.375	4.401	VV	1127	15682	0.19%	0.006%
54	4.407	4.401	4.429	VV	833	11451	0.14%	0.004%
55	4.432	4.429	4.469	VV	632	12536	0.15%	0.005%
56	4.491	4.469	4.547	VV	1831	48999	0.59%	0.019%
57	4.576	4.547	4.607	VV	219412	2173070	25.97%	0.833%
58	4.611	4.607	4.633	VV	1013	11309	0.14%	0.004%
59	4.652	4.633	4.670	VV	2036	28170	0.34%	0.011%
60	4.687	4.670	4.724	VV	1638	29736	0.36%	0.011%
61	4.741	4.724	4.756	VV	1181	15995	0.19%	0.006%
62	4.771	4.756	4.782	VV	1200	14494	0.17%	0.006%
63	4.796	4.782	4.846	VV	1797	33440	0.40%	0.013%
64	4.861	4.846	4.875	VV	657	7584	0.09%	0.003%
65	4.884	4.875	4.903	VV	499	5672	0.07%	0.002%
66	4.916	4.903	4.930	VV	359	4045	0.05%	0.002%
67	4.944	4.930	4.975	VV	645	13321	0.16%	0.005%
68	4.980	4.975	5.015	VV	516	9618	0.11%	0.004%
69	5.019	5.015	5.025	VV	382	2324	0.03%	0.001%
70	5.042	5.025	5.061	VV	398	6927	0.08%	0.003%
71	5.084	5.061	5.107	VV	499	8240	0.10%	0.003%
72	5.128	5.107	5.150	VV	1233	15077	0.18%	0.006%
73	5.153	5.150	5.178	VV	216	2288	0.03%	0.001%
74	5.211	5.178	5.251	VV	734	16210	0.19%	0.006%
75	5.280	5.251	5.318	VV	1360	23919	0.29%	0.009%
76	5.337	5.318	5.356	VV	554	9657	0.12%	0.004%
77	5.360	5.356	5.370	VV	413	2781	0.03%	0.001%
78	5.397	5.370	5.418	VV	1352	21749	0.26%	0.008%
79	5.421	5.418	5.446	VV	499	6713	0.08%	0.003%
80	5.459	5.446	5.499	VV	724	13882	0.17%	0.005%
81	5.519	5.499	5.542	VV	3860	46634	0.56%	0.018%
82	5.559	5.542	5.583	VV	2442	29088	0.35%	0.011%
83	5.591	5.583	5.608	VV	306	2991	0.04%	0.001%
84	5.651	5.608	5.688	PV	504	9144	0.11%	0.004%
85	5.720	5.688	5.745	PV	2276	38417	0.46%	0.015%
86	5.754	5.745	5.770	VV	1180	14482	0.17%	0.006%
87	5.781	5.770	5.807	VV	718	10466	0.13%	0.004%
88	5.832	5.807	5.857	VV	600	13692	0.16%	0.005%
89	5.874	5.857	5.891	VV	1280	15079	0.18%	0.006%

Instrument :

FID_F

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

90	5.911	5.891	5.936	VV	2252	30050	0.36%	0.012%
91	5.941	5.936	5.954	VV	596	6259		
92	5.974	5.954	6.018	VV	3297	47800		
93	6.031	6.018	6.049	VV	686	8615		
94	6.074	6.049	6.105	VV	1515	23942		
95	6.126	6.105	6.144	VV	452	8369		
96	6.187	6.144	6.224	VV	2259	44208	0.53%	0.017%
97	6.228	6.224	6.239	VV	503	4282	0.05%	0.002%
98	6.253	6.239	6.267	VV	926	12129	0.14%	0.005%
99	6.294	6.267	6.382	VV	3625	103775	1.24%	0.040%
100	6.396	6.382	6.415	VV	1294	16628	0.20%	0.006%
101	6.432	6.415	6.449	VV	614	10287	0.12%	0.004%
102	6.466	6.449	6.481	VV	885	12184	0.15%	0.005%
103	6.505	6.481	6.526	VV	2915	39754	0.48%	0.015%
104	6.531	6.526	6.566	VV	1061	15507	0.19%	0.006%
105	6.590	6.566	6.651	VV	2483	59951	0.72%	0.023%
106	6.702	6.651	6.722	VV	1357	38408	0.46%	0.015%
107	6.752	6.722	6.803	VV	223961	2241660	26.79%	0.859%
108	6.806	6.803	6.810	VV	513	1919	0.02%	0.001%
109	6.830	6.810	6.853	VV	1889	27829	0.33%	0.011%
110	6.868	6.853	6.887	VV	624	10278	0.12%	0.004%
111	6.893	6.887	6.895	VV	561	2360	0.03%	0.001%
112	6.901	6.895	6.927	VV	655	8499	0.10%	0.003%
113	6.979	6.927	6.999	VV	814	23355	0.28%	0.009%
114	7.027	6.999	7.060	VV	1141	23668	0.28%	0.009%
115	7.081	7.060	7.127	VV	1131	25172	0.30%	0.010%
116	7.129	7.127	7.133	VV	338	966	0.01%	0.000%
117	7.154	7.133	7.174	VV	639	11163	0.13%	0.004%
118	7.192	7.174	7.212	VV	362	5652	0.07%	0.002%
119	7.241	7.212	7.258	VV	2223	28934	0.35%	0.011%
120	7.273	7.258	7.322	VV	1415	39271	0.47%	0.015%
121	7.332	7.322	7.355	VV	826	13234	0.16%	0.005%
122	7.387	7.355	7.407	VV	3946	51059	0.61%	0.020%
123	7.418	7.407	7.426	VV	1127	11376	0.14%	0.004%
124	7.437	7.426	7.463	VV	1170	20551	0.25%	0.008%
125	7.477	7.463	7.507	VV	870	15021	0.18%	0.006%
126	7.525	7.507	7.547	VV	1425	17570	0.21%	0.007%
127	7.569	7.547	7.592	VV	1330	19870	0.24%	0.008%
128	7.597	7.592	7.632	VV	588	7250	0.09%	0.003%
129	7.663	7.632	7.669	PV	234	2871	0.03%	0.001%
130	7.678	7.669	7.685	VV	228	1723	0.02%	0.001%
131	7.702	7.685	7.715	VV	1168	11887	0.14%	0.005%
132	7.739	7.715	7.784	VV	1528	45207	0.54%	0.017%
133	7.789	7.784	7.810	VV	805	9893	0.12%	0.004%
134	7.826	7.810	7.851	VV	760	12383	0.15%	0.005%
135	7.854	7.851	7.870	VV	302	2797	0.03%	0.001%
136	7.900	7.870	7.972	VV	1736	41027	0.49%	0.016%
137	7.992	7.972	8.024	VV	1105	16532	0.20%	0.006%
138	8.047	8.024	8.057	VV	441	5907	0.07%	0.002%
139	8.066	8.057	8.084	VV	436	4291	0.05%	0.002%
140	8.132	8.084	8.173	VV	3245	89777	1.07%	0.034%
141	8.187	8.173	8.221	VV	1583	24072	0.29%	0.009%

Instrument :

FID_F

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

Parameters						Instrument : FID_F ClientSampleId : WASTEMS		
142	8.244	8.221	8.258	VV	510	6447	0.08%	0.002%
143	8.280	8.258	8.296	PV	594	8235		
144	8.327	8.296	8.352	VV	1803	32492		
145	8.369	8.352	8.387	VV	1573	21624		
146	8.403	8.387	8.431	VV	3862	54415		
147	8.467	8.431	8.487	VV	1776	44993		
148	8.504	8.487	8.522	VV	2401	31632	0.38%	0.012%
149	8.532	8.522	8.547	VV	1055	11839	0.14%	0.005%
150	8.585	8.547	8.632	VV	212017	2262743	27.05%	0.867%
151	8.652	8.632	8.669	VV	1958	36141	0.43%	0.014%
152	8.694	8.669	8.715	VV	17711	224474	2.68%	0.086%
153	8.724	8.715	8.767	VV	3526	60108	0.72%	0.023%
154	8.786	8.767	8.804	VV	922	15999	0.19%	0.006%
155	8.821	8.804	8.826	VV	769	8299	0.10%	0.003%
156	8.834	8.826	8.846	VV	766	7856	0.09%	0.003%
157	8.863	8.846	8.875	VV	2240	23830	0.28%	0.009%
158	8.891	8.875	8.921	VV	2271	42140	0.50%	0.016%
159	8.969	8.921	8.981	VV	9565	140474	1.68%	0.054%
160	8.988	8.981	9.014	VV	5795	56104	0.67%	0.022%
161	9.038	9.014	9.042	VV	1012	10757	0.13%	0.004%
162	9.056	9.042	9.072	VV	1447	19098	0.23%	0.007%
163	9.083	9.072	9.092	VV	608	6328	0.08%	0.002%
164	9.143	9.092	9.163	VV	2789	50318	0.60%	0.019%
165	9.183	9.163	9.194	VV	1486	19730	0.24%	0.008%
166	9.229	9.194	9.249	VV	2730	58878	0.70%	0.023%
167	9.266	9.249	9.292	VV	3678	55755	0.67%	0.021%
168	9.310	9.292	9.318	VV	2030	21824	0.26%	0.008%
169	9.330	9.318	9.369	VV	2691	38593	0.46%	0.015%
170	9.410	9.369	9.419	VV	2851	35511	0.42%	0.014%
171	9.435	9.419	9.454	VV	5614	72530	0.87%	0.028%
172	9.461	9.454	9.486	VV	1989	24164	0.29%	0.009%
173	9.504	9.486	9.541	VV	2847	39391	0.47%	0.015%
174	9.559	9.541	9.576	VV	1576	19885	0.24%	0.008%
175	9.590	9.576	9.597	VV	939	10684	0.13%	0.004%
176	9.599	9.597	9.607	VV	931	4960	0.06%	0.002%
177	9.646	9.607	9.666	VV	5825	86641	1.04%	0.033%
178	9.695	9.666	9.722	VV	1742	33509	0.40%	0.013%
179	9.741	9.722	9.762	PV	5138	59764	0.71%	0.023%
180	9.779	9.762	9.824	VV	6357	91517	1.09%	0.035%
181	9.833	9.824	9.838	VV	423	2901	0.03%	0.001%
182	9.861	9.838	9.874	VV	1670	26002	0.31%	0.010%
183	9.875	9.874	9.905	VV	1555	18252	0.22%	0.007%
184	9.924	9.905	9.951	VV	3470	51058	0.61%	0.020%
185	9.990	9.951	10.009	VV	1363	30311	0.36%	0.012%
186	10.060	10.009	10.089	VV	41506	489804	5.85%	0.188%
187	10.106	10.089	10.162	VV	5192	135634	1.62%	0.052%
188	10.194	10.162	10.256	VV	207570	2479665	29.64%	0.951%
189	10.273	10.256	10.329	VV	3705	79634	0.95%	0.031%
190	10.355	10.329	10.404	VV	2062	40205	0.48%	0.015%
191	10.417	10.404	10.428	VV	491	5497	0.07%	0.002%
192	10.456	10.428	10.479	VV	652	11822	0.14%	0.005%
193	10.503	10.479	10.516	PV	1822	25536	0.31%	0.010%
194	10.531	10.516	10.549	VV	3325	40053	0.48%	0.015%

Manual IntegrationsAPPROVED

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195	10.557	10.549	10.562	VV	764	5450	0.07%	0.002%
196	10.585	10.562	10.602	VV	927	15777		
197	10.624	10.602	10.651	VV	2474	52167		
198	10.666	10.651	10.697	VV	2335	46327		
199	10.704	10.697	10.724	VV	1098	11559		
200	10.753	10.724	10.766	VV	1900	24710		
201	10.782	10.766	10.792	VV	2186	26874	0.32%	0.010%
202	10.809	10.792	10.824	VV	11455	139144	1.66%	0.053%
203	10.837	10.824	10.871	VV	11108	157802	1.89%	0.060%
204	10.889	10.871	10.912	VV	5668	71797	0.86%	0.028%
205	10.918	10.912	10.922	VV	916	5629	0.07%	0.002%
206	10.957	10.922	10.971	VV	7247	101815	1.22%	0.039%
207	10.989	10.971	11.035	VV	6657	128671	1.54%	0.049%
208	11.053	11.035	11.071	VV	2166	31143	0.37%	0.012%
209	11.086	11.071	11.102	VV	1870	20859	0.25%	0.008%
210	11.115	11.102	11.136	VV	909	11092	0.13%	0.004%
211	11.160	11.136	11.163	VV	7343	63071	0.75%	0.024%
212	11.187	11.163	11.208	VV	153440	1754903	20.98%	0.673%
213	11.212	11.208	11.239	VV	19573	204604	2.45%	0.078%
214	11.262	11.239	11.286	VV	26959	331765	3.97%	0.127%
215	11.297	11.286	11.334	VV	3368	67850	0.81%	0.026%
216	11.342	11.334	11.349	VV	1304	10736	0.13%	0.004%
217	11.371	11.349	11.381	VV	1684	25980	0.31%	0.010%
218	11.392	11.381	11.421	VV	1410	19140	0.23%	0.007%
219	11.441	11.421	11.460	PV	3185	38799	0.46%	0.015%
220	11.480	11.460	11.527	VV	13405	174879	2.09%	0.067%
221	11.547	11.527	11.564	VV	532	6849	0.08%	0.003%
222	11.641	11.564	11.692	VV	204432	2544681	30.42%	0.976%
223	11.713	11.692	11.748	VV	12824	221291	2.65%	0.085%
224	11.784	11.748	11.812	VV	4038	96739	1.16%	0.037%
225	11.836	11.812	11.861	VV	10294	127061	1.52%	0.049%
226	11.887	11.861	11.932	VV	32775	485208	5.80%	0.186%
227	11.953	11.932	11.971	VV	3739	51743	0.62%	0.020%
228	11.992	11.971	12.007	VV	16451	186984	2.23%	0.072%
229	12.023	12.007	12.073	VV	22319	396667	4.74%	0.152%
230	12.106	12.073	12.125	VV	19186	288012	3.44%	0.110%
231	12.142	12.125	12.152	VV	12654	138280	1.65%	0.053%
232	12.169	12.152	12.210	VV	23535	333701	3.99%	0.128%
233	12.222	12.210	12.234	VV	882	9462	0.11%	0.004%
234	12.256	12.234	12.278	VV	2887	40072	0.48%	0.015%
235	12.327	12.278	12.335	PV	5948	94629	1.13%	0.036%
236	12.354	12.335	12.385	VV	22337	335275	4.01%	0.129%
237	12.410	12.385	12.444	VV	14142	264528	3.16%	0.101%
238	12.467	12.444	12.512	VV	22862	325618	3.89%	0.125%
239	12.528	12.512	12.536	VV	1648	19857	0.24%	0.008%
240	12.571	12.536	12.627	VV	141741	1945894	23.26%	0.746%
241	12.643	12.627	12.654	VV	2716	33803	0.40%	0.013%
242	12.668	12.654	12.686	VV	3061	45683	0.55%	0.018%
243	12.698	12.686	12.703	VV	2382	21331	0.25%	0.008%
244	12.715	12.703	12.729	VV	2710	36958	0.44%	0.014%
245	12.737	12.729	12.756	VV	2392	23052	0.28%	0.009%
246	12.784	12.756	12.792	PV	4215	52200	0.62%	0.020%

Instrument :

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WASTEMS

Manual IntegrationsAPPROVED

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Parameters							Instrument : FID_F ClientSampleId : WASTEMS	
247	12.805	12.792	12.825	VV	7217	94021	1.12%	0.036%
248	12.848	12.825	12.870	VV	15765	216111		
249	12.893	12.870	12.915	VV	13294	207070		
250	12.954	12.915	12.983	VV	200150	2439500	29	
251	13.013	12.983	13.061	VV	264511	3170204	37	
252	13.082	13.061	13.097	VV	2683	43699	0	
253	13.143	13.097	13.157	VV	18756	292271	3.49%	0.112%
254	13.175	13.157	13.211	VV	43875	685362	8.19%	0.263%
255	13.225	13.211	13.244	VV	6579	97052	1.16%	0.037%
256	13.249	13.244	13.268	VV	3180	29634	0.35%	0.011%
257	13.312	13.268	13.337	VV	204602	2418696	28.91%	0.927%
258	13.366	13.337	13.385	VV	36592	494690	5.91%	0.190%
259	13.399	13.385	13.427	VV	20965	240912	2.88%	0.092%
260	13.457	13.427	13.467	PV	1933	20346	0.24%	0.008%
261	13.501	13.467	13.536	VV	19187	357784	4.28%	0.137%
262	13.581	13.536	13.602	VV	30446	533635	6.38%	0.205%
263	13.616	13.602	13.621	VV	13974	141200	1.69%	0.054%
264	13.635	13.621	13.651	VV	22482	305163	3.65%	0.117%
265	13.662	13.651	13.684	VV	16518	215798	2.58%	0.083%
266	13.709	13.684	13.746	VV	7694	197099	2.36%	0.076%
267	13.771	13.746	13.780	VV	18529	242664	2.90%	0.093%
268	13.799	13.780	13.848	VV	51732	738696	8.83%	0.283%
269	13.901	13.848	13.938	VV	26610	465364	5.56%	0.178%
270	13.969	13.938	13.985	VV	2764	38832	0.46%	0.015%
271	14.013	13.985	14.031	VV	15825	245765	2.94%	0.094%
272	14.049	14.031	14.071	VV	18087	248474	2.97%	0.095%
273	14.091	14.071	14.121	VV	8737	149713	1.79%	0.057%
274	14.157	14.121	14.198	VV	186628	2527752	30.21%	0.969%
275	14.220	14.198	14.241	VV	13592	193165	2.31%	0.074%
276	14.253	14.241	14.261	VV	2195	22631	0.27%	0.009%
277	14.298	14.261	14.320	VV	8949	183964	2.20%	0.071%
278	14.336	14.320	14.342	VV	3152	34072	0.41%	0.013%
279	14.348	14.342	14.350	VV	2641	11895	0.14%	0.005%
280	14.399	14.350	14.420	VV	11225	291126	3.48%	0.112%
281	14.438	14.420	14.459	VV	9439	118430	1.42%	0.045%
282	14.485	14.459	14.507	PV	5605	90878	1.09%	0.035%
283	14.542	14.507	14.565	VV	31391	447340	5.35%	0.171%
284	14.586	14.565	14.610	VV	29457	444389	5.31%	0.170%
285	14.639	14.610	14.668	VV	28498	603381	7.21%	0.231%
286	14.672	14.668	14.693	VV	8467	87194	1.04%	0.033%
287	14.721	14.693	14.737	VV	22235	341336	4.08%	0.131%
288	14.745	14.737	14.772	VV	11843	161449	1.93%	0.062%
289	14.819	14.772	14.860	VV	33702	975226	11.66%	0.374%
290	14.881	14.860	14.908	VV	33745	503393	6.02%	0.193%
291	14.945	14.908	14.988	VV	91346	1380488	16.50%	0.529%
292	15.010	14.988	15.026	VV	10427	177027	2.12%	0.068%
293	15.058	15.026	15.085	VV	75848	1229719	14.70%	0.471%
294	15.093	15.085	15.124	VV	11225	160413	1.92%	0.061%
295	15.152	15.124	15.166	VV	15445	223162	2.67%	0.086%
296	15.196	15.166	15.217	VV	122428	1680911	20.09%	0.644%
297	15.239	15.217	15.248	VV	116253	1392696	16.65%	0.534%
298	15.263	15.248	15.294	VV	176112	2290652	27.38%	0.878%
299	15.308	15.294	15.325	VV	10448	143378	1.71%	0.055%

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300	15.358	15.325	15.413	VV	25402	518802	6.20%	0.199%
301	15.446	15.413	15.465	VV	10509	195249		
302	15.482	15.465	15.487	VV	6465	73123		
303	15.505	15.487	15.524	VV	13326	202633		
304	15.535	15.524	15.566	VV	8599	151340		
305	15.582	15.566	15.609	VV	5364	112958		
306	15.642	15.609	15.672	VV	80902	1163380	13.91%	0.446%
307	15.684	15.672	15.706	VV	7230	98094	1.17%	0.038%
308	15.741	15.706	15.757	VV	3075	66854	0.80%	0.026%
309	15.785	15.757	15.796	VV	18962	247342	2.96%	0.095%
310	15.808	15.796	15.827	VV	18963	301446	3.60%	0.116%
311	15.833	15.827	15.847	VV	12690	145221	1.74%	0.056%
312	15.870	15.847	15.893	VV	23539	383905	4.59%	0.147%
313	15.910	15.893	15.939	VV	10569	150715	1.80%	0.058%
314	15.955	15.939	15.965	VV	4504	46050	0.55%	0.018%
315	16.005	15.965	16.040	VV	88033	1495818	17.88%	0.573%
316	16.052	16.040	16.087	VV	18162	319775	3.82%	0.123%
317	16.111	16.087	16.131	VV	5724	105037	1.26%	0.040%
318	16.160	16.131	16.179	VV	8243	149900	1.79%	0.057%
319	16.196	16.179	16.220	VV	6270	86143	1.03%	0.033%
320	16.244	16.220	16.259	VV	7762	118408	1.42%	0.045%
321	16.291	16.259	16.327	VV	153523	2163897	25.86%	0.830%
322	16.351	16.327	16.390	VV	11672	171558	2.05%	0.066%
323	16.412	16.390	16.444	VV	4750	79998	0.96%	0.031%
324	16.500	16.444	16.529	PV	11990	295498	3.53%	0.113%
325	16.547	16.529	16.565	VV	7094	108126	1.29%	0.041%
326	16.584	16.565	16.598	VV	6922	118172	1.41%	0.045%
327	16.602	16.598	16.627	VV	5827	86178	1.03%	0.033%
328	16.660	16.627	16.718	VV	123787	2054698	24.56%	0.788%
329	16.764	16.718	16.785	VV	136944	2296682	27.45%	0.880%
330	16.790	16.785	16.815	VV	58934	581658	6.95%	0.223%
331	16.849	16.815	16.871	VV	11250	305187	3.65%	0.117%
332	16.893	16.871	16.914	VV	26217	403963	4.83%	0.155%
333	16.932	16.914	16.961	VV	9576	231539	2.77%	0.089%
334	16.991	16.961	17.035	VV	78554	1428196	17.07%	0.547%
335	17.085	17.035	17.113	VV	83978	1539174	18.40%	0.590%
336	17.144	17.113	17.187	VV	115177	1764434	21.09%	0.676%
337	17.244	17.187	17.275	VV	181936	2955580	35.33%	1.133%
338	17.294	17.275	17.304	VV	23135	328373	3.92%	0.126%
339	17.321	17.304	17.342	VV	36683	596204	7.13%	0.229%
340	17.385	17.342	17.420	VV	16023	659906	7.89%	0.253%
341	17.449	17.420	17.453	VV	16424	291555	3.48%	0.112%
342	17.458	17.453	17.466	VV	16853	121772	1.46%	0.047%
343	17.476	17.466	17.488	VV	17502	215959	2.58%	0.083%
344	17.519	17.488	17.545	VV	25707	722432	8.64%	0.277%
345	17.554	17.545	17.573	VV	17008	264445	3.16%	0.101%
346	17.608	17.573	17.656	VV	124675	2451008	29.30%	0.940%
347	17.697	17.656	17.722	VV	130109	2327880	27.82%	0.892%
348	17.733	17.722	17.749	VV	22987	331545	3.96%	0.127%
349	17.765	17.749	17.778	VV	22396	356497	4.26%	0.137%
350	17.807	17.778	17.833	VV	25084	729386	8.72%	0.280%
351	17.866	17.833	17.887	VV	27420	707995	8.46%	0.271%

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352	17.912	17.887	17.942	VV	29928	783196	9.36%	0.300%
353	17.965	17.942	17.980	VV	25550	525796		
354	17.985	17.980	18.007	VV	22747	341625		
355	18.054	18.007	18.082	VV	34525	1211509	14.38%	0.782%
356	18.137	18.082	18.163	VV	187760	3839500	45.78%	1.468%
357	18.178	18.163	18.193	VV	53040	827706		
358	18.225	18.193	18.265	VV	71219	2040074	24.38%	0.782%
359	18.295	18.265	18.336	VV	38405	1494436	17.86%	0.573%
360	18.363	18.336	18.393	VV	63546	1502768	17.96%	0.576%
361	18.430	18.393	18.445	VV	50945	1217876	14.56%	0.467%
362	18.460	18.445	18.470	VV	52692	733341	8.77%	0.281%
363	18.494	18.470	18.508	VV	137060	2217118	26.50%	0.850%
364	18.528	18.508	18.546	VV	219656	3830415	45.78%	1.468%
365	18.562	18.546	18.594	VV	177059	3171716	37.91%	1.216%
366	18.608	18.594	18.626	VV	39795	727434	8.69%	0.279%
367	18.658	18.626	18.674	VV	69374	1491333	17.83%	0.572%
368	18.691	18.674	18.746	VV	58634	1910420	22.83%	0.732%
369	18.778	18.746	18.807	VV	99888	2108316	25.20%	0.808%
370	18.856	18.807	18.891	VV	89318	2918471	34.88%	1.119%
371	18.912	18.891	18.931	VV	65861	1333366	15.94%	0.511%
372	18.974	18.931	19.032	VV	226216	5777950	69.06%	2.215%
373	19.078	19.032	19.119	VV	132273	3767521	45.03%	1.444%
374	19.129	19.119	19.157	VV	49702	1071176	12.80%	0.411%
375	19.178	19.157	19.206	VV	47865	1309325	15.65%	0.502%
376	19.251	19.206	19.266	VV	60246	1826760	21.83%	0.700%
377	19.329	19.266	19.358	VV	368592	8366204	100.00%	3.207%
378	19.374	19.358	19.420	VV	149249	3848752	46.00%	1.475%
379	19.452	19.420	19.480	VV	97813	2842090	33.97%	1.090%
380	19.502	19.480	19.549	VV	120174	3364981	40.22%	1.290%
381	19.610	19.549	19.646	VV	132543	4617535	55.19%	1.770%
382	19.667	19.646	19.704	VV	87496	2411467	28.82%	0.924%
383	19.723	19.704	19.730	VV	62038	919580	10.99%	0.353%
384	19.763	19.730	19.799	VV	248098	5143713	61.48%	1.972%
385	19.824	19.799	19.851	VV	145938	2968077	35.48%	1.138%
386	19.872	19.851	19.906	VV	98249	2502130	29.91%	0.959%
387	19.944	19.906	19.968	VV	86663	2561873	30.62%	0.982%
388	19.972	19.968	19.990	VV	62514	792772	9.48%	0.304%
389	20.020	19.990	20.054	VV	90532	2925045	34.96%	1.121%
390	20.063	20.054	20.081	VV	69583	1063424	12.71%	0.408%
391	20.106	20.081	20.155	VV	136617	4281057	51.17%	1.641%
392	20.169	20.155	20.196	VV	84588	1892035	22.62%	0.725%
393	20.207	20.196	20.218	VV	68417	897126	10.72%	0.344%
394	20.235	20.218	20.242	VV	73566	1002650	11.98%	0.384%
395	20.251	20.242	20.289	VV	74106	2025603	24.21%	0.777%
396	20.326	20.289	20.352	VV	94324	3042271	36.36%	1.166%
397	20.405	20.352	20.411	VV	87091	2784344	33.28%	1.067%
398	20.432	20.411	20.450	VV	92687	2064122	24.67%	0.791%
399	20.461	20.450	20.474	VV	82120	1145216	13.69%	0.439%
400	20.506	20.474	20.529	VV	245886	4973016	59.44%	1.906%
401	20.543	20.529	20.578	VV	137553	2893043	34.58%	1.109%
402	20.582	20.578	20.586	VV	61509	310902	3.72%	0.119%
403	20.623	20.586	20.649	VV	80768	2617051	31.28%	1.003%
404	20.672	20.649	20.696	VV	69835	1880473	22.48%	0.721%

Instrument :

FID_F

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

							Instrument : FID_F	
							ClientSampleId : WASTEMS	
405	20.699	20.696	20.703	VV	65535	275324	3.29%	0.106%
							Manual IntegrationsAPPROVED	
406	20.710	20.703	20.722	VV	66717	738114	8.29%	0.106%
407	20.745	20.722	20.805	VV	68556	3181422	38.29%	0.106%
408	20.854	20.805	20.888	VV	71156	3140226	37.29%	0.106%
409	20.912	20.888	20.954	VV	63209	2274521	27.29%	0.106%
410	20.961	20.954	20.966	VV	51814	353522	4.29%	0.106%
411	20.970	20.966	20.974	VV	50925	245459	2.93%	0.094%
412	20.981	20.974	20.989	VV	52114	472194	5.64%	0.181%
413	20.997	20.989	21.011	VV	52772	661826	7.91%	0.254%
414	21.016	21.011	21.022	VV	50154	344342	4.12%	0.132%
415	21.053	21.022	21.080	VV	68064	2022236	24.17%	0.775%
416	21.092	21.080	21.125	VV	52826	1329773	15.89%	0.510%
417	21.137	21.125	21.145	VV	47645	563795	6.74%	0.216%
418	21.196	21.145	21.227	VV	53588	2371100	28.34%	0.909%
419	21.266	21.227	21.305	VV	185142	4643185	55.50%	1.780%
420	21.327	21.305	21.357	VV	56075	1524861	18.23%	0.585%
421	21.362	21.357	21.369	VV	41808	273914	3.27%	0.105%
422	21.378	21.369	21.398	VV	43226	737960	8.82%	0.283%
423	21.414	21.398	21.450	VV	41551	1183525	14.15%	0.454%
424	21.482	21.450	21.487	VV	35014	772927	9.24%	0.296%
425	21.502	21.487	21.509	VV	34689	439200	5.25%	0.168%
426	21.543	21.509	21.568	VV	38205	1261340	15.08%	0.484%
427	21.576	21.568	21.600	VV	36925	663822	7.93%	0.254%
428	21.613	21.600	21.635	VV	34059	673446	8.05%	0.258%
429	21.663	21.635	21.695	VV	34885	1104262	13.20%	0.423%
430	21.764	21.695	21.817	VV	39037	2318747	27.72%	0.889%
431	21.824	21.817	21.829	VV	27798	201125	2.40%	0.077%
432	21.835	21.829	21.863	VV	28942	548670	6.56%	0.210%
433	21.870	21.863	21.877	VV	26295	225880	2.70%	0.087%
434	21.885	21.877	21.892	VV	25927	213234	2.55%	0.082%
435	21.893	21.892	21.915	VV	24833	320064	3.83%	0.123%
436	21.936	21.915	21.945	VV	26232	427504	5.11%	0.164%
437	21.953	21.945	21.966	VV	24360	298790	3.57%	0.115%
438	21.977	21.966	21.982	VV	24445	238327	2.85%	0.091%
439	21.986	21.982	21.992	VV	24113	141297	1.69%	0.054%
440	22.027	21.992	22.053	VV	30512	948900	11.34%	0.364%
441	22.073	22.053	22.114	VV	25319	744176	8.90%	0.285%
442	22.177	22.114	22.185	VV	71455	1813894	21.68%	0.695%
443	22.216	22.185	22.284	VV	122125	3679070	43.98%	1.410%
444	22.290	22.284	22.298	VV	14193	111400	1.33%	0.043%
445	22.305	22.298	22.343	VV	12635	293488	3.51%	0.113%
446	22.348	22.343	22.352	VV	7139	38845	0.46%	0.015%
447	22.355	22.352	22.361	VV	7560	35733	0.43%	0.014%
448	22.383	22.361	22.387	VV	7956	115926	1.39%	0.044%
449	22.447	22.387	22.452	VV	24311	624947	7.47%	0.240%
450	22.461	22.452	22.498	VV	24922	603153	7.21%	0.231%
451	22.502	22.498	22.515	VV	17797	175723	2.10%	0.067%
452	22.526	22.515	22.547	VV	17913	306005	3.66%	0.117%
453	22.559	22.547	22.564	VV	16208	155483	1.86%	0.060%
Sum of corrected areas:							260858038	

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood		Date Received:	10/27/25
Client Sample ID:	WASTEMSD		SDG No.:	Q3474
Lab Sample ID:	Q3474-01MSD		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	87.2
Sample Wt/Vol:	30.06 g	Final Vol:	1 mL	Test:
Prep Method:	SW3541	Prep Date	10/29/25	TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	92000	E	1	439	3240	ug/kg	10/30/25 14:50	PB170324
SURROGATES									
16416-32-3	TETRACOSANE-d50	11.3			37 - 130	56%	SPK: 20		

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_F\Data\FF103025\
 Data File : FF016639.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 14:50
 Operator : YP\AJ
 Sample : Q3474-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 31 02:22:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.060	1178413	11.279 ug/ml
Target Compounds			
1) N-OCTANE	2.058	1716913	15.468 ug/ml
2) N-DECANE	4.576	2086963	18.861 ug/ml
3) N-DODECANE	6.753	2150957	19.363 ug/ml
4) N-TETRADECANE	8.586	2170718	19.431 ug/ml
5) N-HEXADECANE	10.196	2371313	21.105 ug/ml
6) N-OCTADECANE	11.642	2513495	21.478 ug/ml
7) N-EICOSANE	12.956	2408331	19.723 ug/ml
8) N-DOCOSANE	14.158	2496707	20.945 ug/ml
10) N-TETRACOSANE	15.264	2231611	18.834 ug/ml
11) N-HEXACOSANE	16.291	2132184	18.560 ug/ml
12) N-OCTACOSANE	17.246	2339955	20.534 ug/ml
13) N-TRIACONTANE	18.139	2809210	25.002 ug/ml
14) N-DOTRIACONTANE	18.975	3401691	31.733 ug/mlm
15) N-TETRATRIACONTANE	19.765	2788638	28.380 ug/ml
16) N-HEXATRIACONTANE	20.511	2588666	30.274 ug/ml
17) N-OCTATRIACONTANE	21.270	2521406	32.851 ug/ml
18) N-TETRACONTANE	22.218	2910513	42.646 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
Data File : FF016639.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 14:50
Operator : YP\AJ
Sample : Q3474-01MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

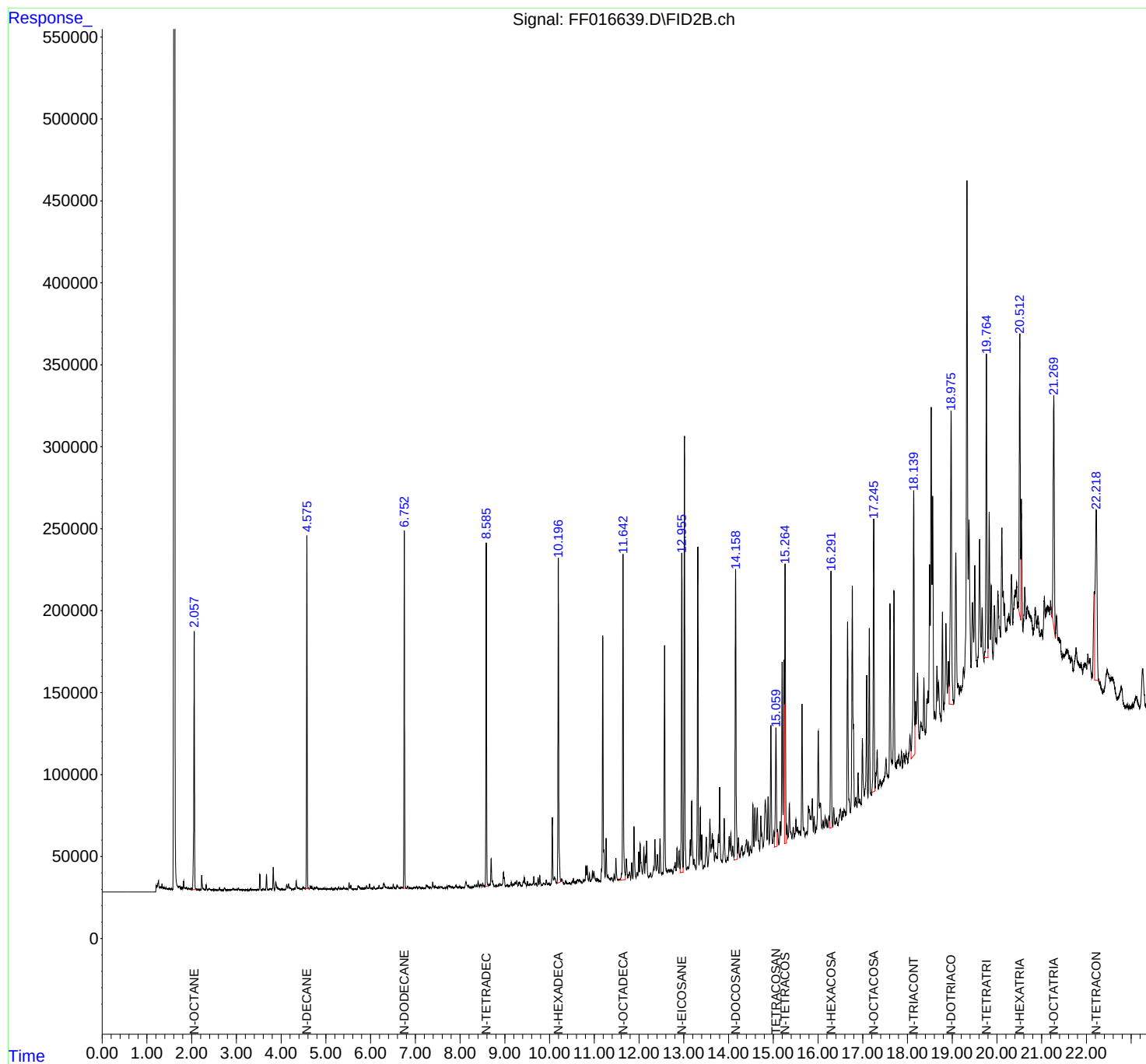
Instrument :
FID_F
ClientSampleId :
WASTEMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File: autoint1.e
Quant Time: Oct 31 02:22:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :

FID_F

ClientSampleId :

WASTEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF10302
Data File : FF016639.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 14:50
Sample : Q3474-01MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.932	1.906	1.950	BV	377	3342	0.04%	0.001%
2	1.965	1.950	1.980	PV	362	3672	0.05%	0.001%
3	1.995	1.980	2.010	VV	512	5530	0.07%	0.002%
4	2.058	2.010	2.126	PV	157643	1722440	21.14%	0.667%
5	2.130	2.126	2.138	VV	186	1250	0.02%	0.000%
6	2.145	2.138	2.182	VV	248	3474	0.04%	0.001%
7	2.224	2.182	2.305	PV	9011	111773	1.37%	0.043%
8	2.324	2.305	2.363	VV	3195	34458	0.42%	0.013%
9	2.399	2.363	2.446	VV	920	18599	0.23%	0.007%
10	2.463	2.446	2.495	PV	292	5311	0.07%	0.002%
11	2.500	2.495	2.523	VV	260	2747	0.03%	0.001%
12	2.534	2.523	2.557	VV	227	2658	0.03%	0.001%
13	2.575	2.557	2.591	VV	171	1562	0.02%	0.001%
14	2.623	2.591	2.643	VV	1684	18163	0.22%	0.007%
15	2.645	2.643	2.710	VV	242	2951	0.04%	0.001%
16	2.733	2.710	2.780	PV	1669	28132	0.35%	0.011%
17	2.798	2.780	2.819	VV	406	6430	0.08%	0.002%
18	2.824	2.819	2.846	VV	265	3567	0.04%	0.001%
19	2.867	2.846	2.872	VV	298	3541	0.04%	0.001%
20	2.889	2.872	2.904	VV	365	5240	0.06%	0.002%
21	2.922	2.904	2.942	VV	1087	15177	0.19%	0.006%
22	2.955	2.942	2.985	VV	706	12856	0.16%	0.005%
23	2.993	2.985	2.999	VV	436	3214	0.04%	0.001%
24	3.006	2.999	3.022	VV	539	5211	0.06%	0.002%
25	3.045	3.022	3.078	VV	1417	21915	0.27%	0.008%
26	3.102	3.078	3.121	VV	515	7474	0.09%	0.003%
27	3.128	3.121	3.139	VV	234	1654	0.02%	0.001%
28	3.144	3.139	3.148	VV	134	618	0.01%	0.000%
29	3.166	3.148	3.198	VV	363	5782	0.07%	0.002%
30	3.222	3.198	3.253	VV	289	6007	0.07%	0.002%
31	3.255	3.253	3.267	VV	261	826	0.01%	0.000%
32	3.272	3.267	3.291	VV	145	1128	0.01%	0.000%
33	3.321	3.291	3.353	VV	796	12296	0.15%	0.005%
34	3.363	3.353	3.369	VV	241	1774	0.02%	0.001%
35	3.373	3.369	3.384	VV	231	1607	0.02%	0.001%
36	3.390	3.384	3.396	VV	181	1059	0.01%	0.000%

					retention			
37	3.418	3.396	3.423	VV	169	2342	0.03%	0.001%
38	3.437	3.423	3.453	VV	250	3409		
39	3.464	3.453	3.481	VV	273	3298		
40	3.483	3.481	3.502	VV	248	2203		
41	3.525	3.502	3.553	VV	9690	99272		
42	3.560	3.553	3.579	VV	195	1773		
43	3.599	3.579	3.623	VV	1149	14224	0.17%	0.006%
44	3.636	3.623	3.649	VV	460	5241	0.06%	0.002%
45	3.673	3.649	3.704	VV	9779	103543	1.27%	0.040%
46	3.708	3.704	3.723	VV	351	3252	0.04%	0.001%
47	3.731	3.723	3.736	VV	362	2291	0.03%	0.001%
48	3.761	3.736	3.790	VV	821	15874	0.19%	0.006%
49	3.824	3.790	3.856	VV	14008	155129	1.90%	0.060%
50	3.880	3.856	3.984	VV	4957	118684	1.46%	0.046%
51	4.003	3.984	4.029	VV	580	12378	0.15%	0.005%
52	4.036	4.029	4.049	VV	358	3785	0.05%	0.001%
53	4.052	4.049	4.085	VV	308	5777	0.07%	0.002%
54	4.124	4.085	4.145	VV	3227	49491	0.61%	0.019%
55	4.164	4.145	4.189	VV	3780	57297	0.70%	0.022%
56	4.198	4.189	4.243	VV	1247	27966	0.34%	0.011%
57	4.254	4.243	4.260	VV	433	4158	0.05%	0.002%
58	4.272	4.260	4.283	VV	542	6417	0.08%	0.002%
59	4.294	4.283	4.309	VV	725	9596	0.12%	0.004%
60	4.337	4.309	4.375	VV	5442	88608	1.09%	0.034%
61	4.380	4.375	4.400	VV	1137	14511	0.18%	0.006%
62	4.407	4.400	4.425	VV	951	11278	0.14%	0.004%
63	4.430	4.425	4.457	VV	581	10322	0.13%	0.004%
64	4.492	4.457	4.525	VV	1779	41885	0.51%	0.016%
65	4.531	4.525	4.548	VV	859	10628	0.13%	0.004%
66	4.576	4.548	4.631	VV	215842	2119687	26.01%	0.821%
67	4.653	4.631	4.673	VV	2013	30675	0.38%	0.012%
68	4.686	4.673	4.724	VV	1567	28407	0.35%	0.011%
69	4.743	4.724	4.758	VV	1272	17595	0.22%	0.007%
70	4.771	4.758	4.783	VV	1156	13692	0.17%	0.005%
71	4.796	4.783	4.843	VV	1804	34660	0.43%	0.013%
72	4.862	4.843	4.875	VV	677	9604	0.12%	0.004%
73	4.884	4.875	4.907	VV	561	7566	0.09%	0.003%
74	4.942	4.907	4.958	VV	744	14159	0.17%	0.005%
75	4.966	4.958	4.976	VV	696	5431	0.07%	0.002%
76	4.982	4.976	5.007	VV	530	8230	0.10%	0.003%
77	5.046	5.007	5.067	VV	458	13107	0.16%	0.005%
78	5.085	5.067	5.108	VV	495	8655	0.11%	0.003%
79	5.128	5.108	5.149	VV	1173	15260	0.19%	0.006%
80	5.157	5.149	5.179	VV	328	4122	0.05%	0.002%
81	5.213	5.179	5.266	VV	826	21304	0.26%	0.008%
82	5.284	5.266	5.306	VV	1530	19843	0.24%	0.008%
83	5.313	5.306	5.319	VV	582	4226	0.05%	0.002%
84	5.336	5.319	5.375	VV	691	15670	0.19%	0.006%
85	5.398	5.375	5.443	VV	1355	28375	0.35%	0.011%
86	5.460	5.443	5.500	VV	658	14258	0.17%	0.006%
87	5.520	5.500	5.544	VV	4095	48017	0.59%	0.019%
88	5.560	5.544	5.586	VV	2520	29599	0.36%	0.011%
89	5.593	5.586	5.612	VV	361	2864	0.04%	0.001%

Instrument :

FID_F

ClientSampleId :

WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

90	5.649	5.612	5.693	VV	475	8765	0.11%	0.003%
91	5.720	5.693	5.744	PV	2245	38540		
92	5.754	5.744	5.774	VV	1360	17377		
93	5.786	5.774	5.802	VV	722	8735		
94	5.820	5.802	5.825	VV	675	6800		
95	5.833	5.825	5.857	VV	607	9100		
96	5.875	5.857	5.893	VV	1294	15207	0.19%	0.006%
97	5.913	5.893	5.957	VV	2171	36646	0.45%	0.014%
98	5.976	5.957	6.017	VV	3225	46041	0.57%	0.018%
99	6.031	6.017	6.053	VV	677	10180	0.12%	0.004%
100	6.075	6.053	6.112	VV	1473	23044	0.28%	0.009%
101	6.125	6.112	6.148	VV	447	7255	0.09%	0.003%
102	6.188	6.148	6.222	VV	2252	41655	0.51%	0.016%
103	6.226	6.222	6.238	VV	584	4513	0.06%	0.002%
104	6.252	6.238	6.266	VV	951	12038	0.15%	0.005%
105	6.300	6.266	6.368	VV	3166	96302	1.18%	0.037%
106	6.370	6.368	6.383	VV	740	5878	0.07%	0.002%
107	6.398	6.383	6.428	VV	1227	19286	0.24%	0.007%
108	6.437	6.428	6.452	VV	641	7302	0.09%	0.003%
109	6.466	6.452	6.482	VV	870	11248	0.14%	0.004%
110	6.506	6.482	6.526	VV	2846	37614	0.46%	0.015%
111	6.532	6.526	6.567	VV	962	14622	0.18%	0.006%
112	6.590	6.567	6.628	VV	2523	45459	0.56%	0.018%
113	6.638	6.628	6.655	VV	680	8864	0.11%	0.003%
114	6.701	6.655	6.726	VV	1051	28698	0.35%	0.011%
115	6.753	6.726	6.809	VV	218181	2166744	26.59%	0.840%
116	6.830	6.809	6.853	VV	1805	25199	0.31%	0.010%
117	6.873	6.853	6.892	VV	591	9585	0.12%	0.004%
118	6.904	6.892	6.928	VV	606	8610	0.11%	0.003%
119	6.932	6.928	6.940	VV	323	1867	0.02%	0.001%
120	6.976	6.940	7.001	VV	821	21135	0.26%	0.008%
121	7.029	7.001	7.058	VV	1097	21506	0.26%	0.008%
122	7.086	7.058	7.132	VV	1151	25422	0.31%	0.010%
123	7.154	7.132	7.181	VV	590	10180	0.12%	0.004%
124	7.188	7.181	7.218	VV	666	4434	0.05%	0.002%
125	7.245	7.218	7.264	PV	2313	30921	0.38%	0.012%
126	7.276	7.264	7.310	VV	1414	29411	0.36%	0.011%
127	7.324	7.310	7.333	VV	779	9511	0.12%	0.004%
128	7.336	7.333	7.357	VV	661	7412	0.09%	0.003%
129	7.389	7.357	7.407	VV	3837	48277	0.59%	0.019%
130	7.421	7.407	7.432	VV	1105	13899	0.17%	0.005%
131	7.443	7.432	7.467	VV	1250	19068	0.23%	0.007%
132	7.478	7.467	7.509	VV	803	14173	0.17%	0.005%
133	7.525	7.509	7.552	VV	1394	18414	0.23%	0.007%
134	7.570	7.552	7.585	VV	1407	16413	0.20%	0.006%
135	7.593	7.585	7.641	VV	569	9779	0.12%	0.004%
136	7.660	7.641	7.671	PV	269	3448	0.04%	0.001%
137	7.678	7.671	7.685	VV	199	1596	0.02%	0.001%
138	7.702	7.685	7.716	VV	1232	12267	0.15%	0.005%
139	7.738	7.716	7.757	VV	1570	28550	0.35%	0.011%
140	7.760	7.757	7.783	VV	1255	16681	0.20%	0.006%
141	7.788	7.783	7.810	VV	862	11059	0.14%	0.004%

Instrument :

FID_F

ClientSampleId :

WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

						Instrument : FID_F ClientSampleId : WASTEMSD		
142	7.827	7.810	7.871	VV	742	15311	0.19%	0.006%
143	7.902	7.871	7.954	VV	1665	35818		
144	7.959	7.954	7.974	VV	381	3629		
145	7.993	7.974	8.024	VV	1094	14389		
146	8.050	8.024	8.059	VV	504	6128		
147	8.066	8.059	8.082	VV	457	4053		
148	8.133	8.082	8.176	VV	3457	90655	1.11%	0.035%
149	8.190	8.176	8.223	VV	1495	22909	0.28%	0.009%
150	8.245	8.223	8.262	VV	528	6543	0.08%	0.003%
151	8.279	8.262	8.297	PV	568	7140	0.09%	0.003%
152	8.329	8.297	8.356	VV	1791	32431	0.40%	0.013%
153	8.370	8.356	8.388	VV	1642	20268	0.25%	0.008%
154	8.404	8.388	8.432	VV	4102	57412	0.70%	0.022%
155	8.469	8.432	8.488	VV	1733	45277	0.56%	0.018%
156	8.506	8.488	8.523	VV	2386	31615	0.39%	0.012%
157	8.533	8.523	8.548	VV	1055	12181	0.15%	0.005%
158	8.586	8.548	8.636	VV	209923	2211657	27.14%	0.857%
159	8.655	8.636	8.671	VV	1846	32107	0.39%	0.012%
160	8.695	8.671	8.715	VV	17475	218431	2.68%	0.085%
161	8.725	8.715	8.774	VV	3928	68456	0.84%	0.027%
162	8.789	8.774	8.808	VV	937	13916	0.17%	0.005%
163	8.820	8.808	8.828	VV	802	7914	0.10%	0.003%
164	8.833	8.828	8.848	VV	752	6715	0.08%	0.003%
165	8.863	8.848	8.878	VV	1788	19849	0.24%	0.008%
166	8.894	8.878	8.922	VV	2173	39962	0.49%	0.015%
167	8.971	8.922	8.984	VV	9077	139632	1.71%	0.054%
168	8.990	8.984	9.019	VV	5756	53636	0.66%	0.021%
169	9.037	9.019	9.046	VV	1050	11543	0.14%	0.004%
170	9.057	9.046	9.077	VV	1620	19379	0.24%	0.008%
171	9.085	9.077	9.099	VV	589	7014	0.09%	0.003%
172	9.109	9.099	9.114	VV	637	4719	0.06%	0.002%
173	9.146	9.114	9.164	VV	2720	44705	0.55%	0.017%
174	9.184	9.164	9.196	VV	1495	20138	0.25%	0.008%
175	9.230	9.196	9.247	VV	2739	55983	0.69%	0.022%
176	9.268	9.247	9.294	VV	3646	61976	0.76%	0.024%
177	9.310	9.294	9.319	VV	2119	21628	0.27%	0.008%
178	9.332	9.319	9.375	VV	2625	41697	0.51%	0.016%
179	9.412	9.375	9.422	VV	3032	40722	0.50%	0.016%
180	9.437	9.422	9.455	VV	5563	71664	0.88%	0.028%
181	9.462	9.455	9.487	VV	2043	25379	0.31%	0.010%
182	9.506	9.487	9.544	VV	2861	41701	0.51%	0.016%
183	9.560	9.544	9.577	VV	1670	20980	0.26%	0.008%
184	9.593	9.577	9.610	VV	1051	16994	0.21%	0.007%
185	9.648	9.610	9.668	VV	5872	85883	1.05%	0.033%
186	9.695	9.668	9.722	VV	1765	34944	0.43%	0.014%
187	9.744	9.722	9.765	PV	5115	61016	0.75%	0.024%
188	9.781	9.765	9.823	VV	6387	92065	1.13%	0.036%
189	9.834	9.823	9.840	VV	473	3488	0.04%	0.001%
190	9.864	9.840	9.907	VV	1741	43262	0.53%	0.017%
191	9.926	9.907	9.951	VV	3492	50647	0.62%	0.020%
192	9.976	9.951	9.980	VV	1092	14862	0.18%	0.006%
193	9.992	9.980	10.013	VV	1418	16823	0.21%	0.007%
194	10.061	10.013	10.089	VV	41456	477453	5.86%	0.185%

							Instrument : FID_F	
							ClientSampleId : WASTEMSD	
Interferences								
195	10.107	10.089	10.166	VV	5110	139664	1.71%	0.054%
196	10.196	10.166	10.253	VV	199490	2446631	30.17%	0.000%
197	10.276	10.253	10.333	VV	3411	84902	1.00%	0.000%
198	10.357	10.333	10.378	VV	2163	32487	0.60%	0.000%
199	10.380	10.378	10.404	VV	902	9613	0.06%	0.000%
200	10.417	10.404	10.430	VV	613	7016	0.03%	0.000%
							Manual IntegrationsAPPROVED	
201	10.454	10.430	10.479	VV	729	13726	0.17%	0.005%
202	10.505	10.479	10.518	PV	1985	26331	0.32%	0.010%
203	10.534	10.518	10.553	VV	3444	41745	0.51%	0.016%
204	10.559	10.553	10.573	VV	910	8813	0.11%	0.003%
205	10.586	10.573	10.601	VV	1155	14876	0.18%	0.006%
206	10.622	10.601	10.652	VV	2580	55922	0.69%	0.022%
207	10.669	10.652	10.703	VV	2558	55233	0.68%	0.021%
208	10.706	10.703	10.728	VV	1394	12294	0.15%	0.005%
209	10.753	10.728	10.768	PV	2155	30807	0.38%	0.012%
210	10.784	10.768	10.792	VV	2342	27004	0.33%	0.010%
211	10.811	10.792	10.825	VV	10447	125741	1.54%	0.049%
212	10.839	10.825	10.872	VV	10604	156068	1.92%	0.060%
213	10.891	10.872	10.912	VV	5904	72262	0.89%	0.028%
214	10.958	10.912	10.973	VV	7033	109128	1.34%	0.042%
215	10.990	10.973	11.035	VV	6728	133591	1.64%	0.052%
216	11.058	11.035	11.073	VV	2322	33978	0.42%	0.013%
217	11.087	11.073	11.103	VV	1909	21587	0.26%	0.008%
218	11.115	11.103	11.140	VV	951	12418	0.15%	0.005%
219	11.189	11.140	11.210	VV	149976	1788852	21.95%	0.693%
220	11.215	11.210	11.242	VV	19571	205230	2.52%	0.080%
221	11.264	11.242	11.289	VV	26423	331647	4.07%	0.129%
222	11.299	11.289	11.340	VV	3402	71401	0.88%	0.028%
223	11.344	11.340	11.354	VV	1387	10842	0.13%	0.004%
224	11.371	11.354	11.382	VV	1808	25562	0.31%	0.010%
225	11.393	11.382	11.420	VV	1690	23370	0.29%	0.009%
226	11.442	11.420	11.462	PV	3264	40301	0.49%	0.016%
227	11.483	11.462	11.534	VV	13560	174446	2.14%	0.068%
228	11.553	11.534	11.565	VV	582	7398	0.09%	0.003%
229	11.642	11.565	11.695	VV	198759	2508234	30.78%	0.972%
230	11.716	11.695	11.749	VV	12709	212641	2.61%	0.082%
231	11.767	11.749	11.771	VV	2703	25353	0.31%	0.010%
232	11.788	11.771	11.815	VV	4335	71014	0.87%	0.028%
233	11.837	11.815	11.861	VV	10125	124380	1.53%	0.048%
234	11.888	11.861	11.935	VV	31988	460459	5.65%	0.178%
235	11.955	11.935	11.973	VV	3854	54614	0.67%	0.021%
236	11.994	11.973	12.009	VV	16292	185058	2.27%	0.072%
237	12.025	12.009	12.076	VV	21255	388361	4.77%	0.150%
238	12.108	12.076	12.127	VV	18519	280965	3.45%	0.109%
239	12.144	12.127	12.154	VV	12855	142968	1.75%	0.055%
240	12.171	12.154	12.211	VV	22589	315376	3.87%	0.122%
241	12.226	12.211	12.234	VV	884	7724	0.09%	0.003%
242	12.259	12.234	12.278	VV	2771	38423	0.47%	0.015%
243	12.328	12.278	12.337	PV	5672	90917	1.12%	0.035%
244	12.356	12.337	12.388	VV	22838	337916	4.15%	0.131%
245	12.411	12.388	12.447	VV	13423	251347	3.08%	0.097%
246	12.470	12.447	12.510	VV	22808	310363	3.81%	0.120%

Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 10/31/2025

Parameters									
247	12.526	12.510	12.538	VV	1591	20834	0.26%	0.008%	
248	12.572	12.538	12.630	VV	140318	1843669	22.04%	0.008%	
249	12.646	12.630	12.655	VV	2757	32621	0.00%	0.008%	
250	12.669	12.655	12.686	VV	3117	45991	0.00%	0.008%	
251	12.699	12.686	12.705	VV	2528	23958	0.00%	0.008%	
252	12.720	12.705	12.734	VV	2709	40917	0.00%	0.008%	
253	12.740	12.734	12.755	VV	2194	18059	0.22%	0.007%	
254	12.787	12.755	12.794	PV	4316	52230	0.64%	0.020%	
255	12.807	12.794	12.828	VV	6822	90814	1.11%	0.035%	
256	12.849	12.828	12.871	VV	15503	207523	2.55%	0.080%	
257	12.896	12.871	12.917	VV	13467	211034	2.59%	0.082%	
258	12.956	12.917	12.985	VV	194495	2410006	29.58%	0.934%	
259	13.016	12.985	13.064	VV	265817	3118150	38.27%	1.208%	
260	13.083	13.064	13.099	VV	2736	43169	0.53%	0.017%	
261	13.145	13.099	13.159	VV	19173	299153	3.67%	0.116%	
262	13.177	13.159	13.214	VV	42589	678050	8.32%	0.263%	
263	13.228	13.214	13.248	VV	6780	99328	1.22%	0.038%	
264	13.252	13.248	13.273	VV	3141	30418	0.37%	0.012%	
265	13.314	13.273	13.340	VV	196956	2380954	29.22%	0.923%	
266	13.369	13.340	13.388	VV	37615	497906	6.11%	0.193%	
267	13.402	13.388	13.436	VV	21050	244549	3.00%	0.095%	
268	13.457	13.436	13.469	PV	2115	25396	0.31%	0.010%	
269	13.503	13.469	13.538	VV	18861	358018	4.39%	0.139%	
270	13.584	13.538	13.603	VV	29268	510608	6.27%	0.198%	
271	13.617	13.603	13.624	VV	13537	145885	1.79%	0.057%	
272	13.638	13.624	13.654	VV	20221	279389	3.43%	0.108%	
273	13.664	13.654	13.686	VV	16119	198005	2.43%	0.077%	
274	13.712	13.686	13.728	VV	7372	143669	1.76%	0.056%	
275	13.737	13.728	13.748	VV	4989	55279	0.68%	0.021%	
276	13.774	13.748	13.784	VV	18067	250791	3.08%	0.097%	
277	13.802	13.784	13.856	VV	47120	660266	8.10%	0.256%	
278	13.903	13.856	13.941	VV	27185	451851	5.55%	0.175%	
279	13.974	13.941	13.987	VV	2833	39612	0.49%	0.015%	
280	14.015	13.987	14.033	VV	15320	236905	2.91%	0.092%	
281	14.051	14.033	14.074	VV	17179	243388	2.99%	0.094%	
282	14.093	14.074	14.122	VV	8709	142640	1.75%	0.055%	
283	14.158	14.122	14.201	VV	176892	2499302	30.67%	0.969%	
284	14.222	14.201	14.246	VV	13036	189100	2.32%	0.073%	
285	14.256	14.246	14.261	VV	2195	16630	0.20%	0.006%	
286	14.281	14.261	14.286	VV	5730	58259	0.71%	0.023%	
287	14.303	14.286	14.324	VV	7481	113940	1.40%	0.044%	
288	14.340	14.324	14.350	VV	2828	36044	0.44%	0.014%	
289	14.403	14.350	14.422	VV	10460	262025	3.22%	0.102%	
290	14.440	14.422	14.461	VV	8625	106342	1.31%	0.041%	
291	14.485	14.461	14.517	PV	5490	94241	1.16%	0.037%	
292	14.545	14.517	14.568	VV	30656	434201	5.33%	0.168%	
293	14.589	14.568	14.612	VV	28121	413858	5.08%	0.160%	
294	14.642	14.612	14.697	VV	27556	644993	7.92%	0.250%	
295	14.721	14.697	14.740	VV	22013	318778	3.91%	0.124%	
296	14.746	14.740	14.773	VV	10276	133089	1.63%	0.052%	
297	14.821	14.773	14.862	VV	30501	858328	10.53%	0.333%	
298	14.884	14.862	14.909	VV	32254	469586	5.76%	0.182%	
299	14.947	14.909	14.991	VV	75125	1157750	14.21%	0.449%	

Instrument :

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ClientSampleId :

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					rters			
300	15.012	14.991	15.026	VV	9663	135977	1.67%	0.053%
301	15.060	15.026	15.088	VV	72093	1183265		
302	15.096	15.088	15.128	VV	9768	133010		
303	15.154	15.128	15.170	VV	14393	195011		
304	15.199	15.170	15.220	VV	111341	1511495		
305	15.241	15.220	15.250	VV	111981	1341979		
306	15.264	15.250	15.295	VV	170688	2231241	27.38%	0.865%
307	15.310	15.295	15.328	VV	10291	133010	1.63%	0.052%
308	15.361	15.328	15.388	VV	23392	394974	4.85%	0.153%
309	15.391	15.388	15.417	VV	5729	73414	0.90%	0.028%
310	15.446	15.417	15.467	VV	8428	147907	1.82%	0.057%
311	15.482	15.467	15.488	VV	4026	38409	0.47%	0.015%
312	15.507	15.488	15.524	VV	12424	174855	2.15%	0.068%
313	15.538	15.524	15.568	VV	7347	137058	1.68%	0.053%
314	15.581	15.568	15.610	VV	4562	93118	1.14%	0.036%
315	15.643	15.610	15.677	VV	81546	1117813	13.72%	0.433%
316	15.684	15.677	15.710	VV	5416	67235	0.83%	0.026%
317	15.726	15.710	15.730	VV	1620	13679	0.17%	0.005%
318	15.746	15.730	15.763	VV	2458	36719	0.45%	0.014%
319	15.787	15.763	15.798	VV	17872	232673	2.86%	0.090%
320	15.808	15.798	15.824	VV	15695	219489	2.69%	0.085%
321	15.830	15.824	15.836	VV	10179	71883	0.88%	0.028%
322	15.839	15.836	15.849	VV	10628	79294	0.97%	0.031%
323	15.874	15.849	15.896	VV	21819	368717	4.52%	0.143%
324	15.914	15.896	15.937	VV	10368	129405	1.59%	0.050%
325	15.959	15.937	15.967	VV	3541	34261	0.42%	0.013%
326	16.007	15.967	16.034	VV	61492	1041984	12.79%	0.404%
327	16.038	16.034	16.047	VV	16196	125302	1.54%	0.049%
328	16.058	16.047	16.084	VV	17255	237848	2.92%	0.092%
329	16.117	16.084	16.131	VV	5526	97742	1.20%	0.038%
330	16.160	16.131	16.182	VV	8335	139923	1.72%	0.054%
331	16.197	16.182	16.222	VV	5701	78407	0.96%	0.030%
332	16.245	16.222	16.262	VV	7636	117145	1.44%	0.045%
333	16.291	16.262	16.329	VV	156182	2132366	26.17%	0.826%
334	16.353	16.329	16.379	VV	11702	159849	1.96%	0.062%
335	16.419	16.379	16.449	VV	4513	93185	1.14%	0.036%
336	16.502	16.449	16.532	PV	9104	249280	3.06%	0.097%
337	16.551	16.532	16.565	VV	6824	96614	1.19%	0.037%
338	16.583	16.565	16.598	VV	8073	126674	1.55%	0.049%
339	16.602	16.598	16.625	VV	6600	83071	1.02%	0.032%
340	16.662	16.625	16.723	VV	120895	2008652	24.65%	0.778%
341	16.768	16.723	16.787	VV	140962	2199094	26.99%	0.852%
342	16.792	16.787	16.818	VV	57197	603310	7.40%	0.234%
343	16.845	16.818	16.872	VV	11416	284160	3.49%	0.110%
344	16.897	16.872	16.919	VV	25977	401291	4.92%	0.156%
345	16.935	16.919	16.966	VV	9748	208666	2.56%	0.081%
346	16.993	16.966	17.033	VV	45600	871903	10.70%	0.338%
347	17.089	17.033	17.118	VV	82854	1494226	18.34%	0.579%
348	17.147	17.118	17.191	VV	110675	1679918	20.62%	0.651%
349	17.246	17.191	17.278	VV	175910	2846965	34.94%	1.103%
350	17.298	17.278	17.304	VV	20736	267278	3.28%	0.104%
351	17.323	17.304	17.348	VV	34305	599903	7.36%	0.232%

Instrument :

FID_F

ClientSampleId :

WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

rteres									
352	17.363	17.348	17.369	VV	12332	147751	1.81%	0.057%	
353	17.392	17.369	17.417	VV	14796	373319			
354	17.456	17.417	17.464	VV	13654	354981			
355	17.521	17.464	17.547	VV	25908	911302	11.44%	0.247%	
356	17.551	17.547	17.559	VV	15658	111830	1.81%	0.057%	
357	17.563	17.559	17.579	VV	15287	172735	2.22%	0.070%	
358	17.609	17.579	17.640	VV	118890	2046875	25.12%	0.793%	
359	17.646	17.640	17.658	VV	23263	249123	3.06%	0.097%	
360	17.699	17.658	17.725	VV	126209	2244272	27.54%	0.870%	
361	17.736	17.725	17.752	VV	20848	313887	3.85%	0.122%	
362	17.769	17.752	17.772	VV	21509	227471	2.79%	0.088%	
363	17.778	17.772	17.787	VV	21739	180848	2.22%	0.070%	
364	18.809	17.787	17.838	VV	24462	637111	7.82%	0.247%	
365	17.867	17.838	17.887	VV	25894	632739	7.76%	0.245%	
366	17.917	17.887	17.945	VV	23931	701543	8.61%	0.272%	
367	17.969	17.945	18.006	VV	24206	757244	9.29%	0.293%	
368	18.055	18.006	18.080	VV	33117	1129447	13.86%	0.438%	
369	18.139	18.080	18.167	VV	181439	3812377	46.78%	1.477%	
370	18.181	18.167	18.197	VV	52227	805573	9.89%	0.312%	
371	18.226	18.197	18.270	VV	68761	2002751	24.58%	0.776%	
372	18.303	18.270	18.314	VV	37822	913787	11.21%	0.354%	
373	18.320	18.314	18.337	VV	35533	450672	5.53%	0.175%	
374	18.367	18.337	18.398	VV	63709	1538009	18.87%	0.596%	
375	18.434	18.398	18.447	VV	50518	1168326	14.34%	0.453%	
376	18.462	18.447	18.473	VV	54526	822384	10.09%	0.319%	
377	18.496	18.473	18.509	VV	131518	2131487	26.16%	0.826%	
378	18.530	18.509	18.548	VV	226915	3755298	46.08%	1.455%	
379	18.563	18.548	18.595	VV	172216	3055089	37.49%	1.184%	
380	18.610	18.595	18.631	VV	39900	801551	9.84%	0.311%	
381	18.659	18.631	18.677	VV	67072	1436704	17.63%	0.557%	
382	18.694	18.677	18.750	VV	56960	1932969	23.72%	0.749%	
383	18.782	18.750	18.811	VV	98666	2100263	25.77%	0.814%	
384	18.860	18.811	18.892	VV	90392	2871807	35.24%	1.113%	
385	18.916	18.892	18.933	VV	66570	1392899	17.09%	0.540%	
386	18.976	18.933	19.035	VV	217665	5814985	71.36%	2.253%	
387	19.081	19.035	19.118	VV	130602	3681569	45.18%	1.427%	
388	19.132	19.118	19.160	VV	50271	1213241	14.89%	0.470%	
389	19.182	19.160	19.205	VV	48341	1229356	15.09%	0.476%	
390	19.219	19.205	19.224	VV	47603	541895	6.65%	0.210%	
391	19.252	19.224	19.269	VV	58628	1434220	17.60%	0.556%	
392	19.330	19.269	19.359	VV	354117	8148740	100.00%	3.158%	
393	19.376	19.359	19.425	VV	146744	3959482	48.59%	1.534%	
394	19.452	19.425	19.478	VV	95064	2538479	31.15%	0.984%	
395	19.505	19.478	19.558	VV	117311	3751689	46.04%	1.454%	
396	19.613	19.558	19.647	VV	131623	4409886	54.12%	1.709%	
397	19.669	19.647	19.709	VV	88978	2670411	32.77%	1.035%	
398	19.765	19.709	19.802	VV	242230	5995365	73.57%	2.323%	
399	19.827	19.802	19.852	VV	145149	2966266	36.40%	1.149%	
400	19.874	19.852	19.912	VV	99821	2725525	33.45%	1.056%	
401	19.945	19.912	19.970	VV	86622	2494101	30.61%	0.967%	
402	19.984	19.970	19.994	VV	66560	959140	11.77%	0.372%	
403	20.022	19.994	20.052	VV	94793	2775292	34.06%	1.075%	
404	20.058	20.052	20.081	VV	72573	1223539	15.02%	0.474%	

Instrument :

FID_F

ClientSampleId :

WASTEMSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

							Instrument : FID_F	
							ClientSampleId : WASTEMSD	
405	20.111	20.081	20.134	VV	131979	3202053	39.30%	1.241%
406	20.142	20.134	20.156	VV	93047	1165575	14.00%	0.851%
407	20.169	20.156	20.193	VV	84747	1735975	21.00%	0.851%
408	20.208	20.193	20.218	VV	69068	1030609	12.00%	0.851%
409	20.238	20.218	20.242	VV	74790	1009102	12.00%	0.851%
410	20.265	20.242	20.297	VV	77191	2484553	30.00%	0.851%
411	20.325	20.297	20.354	VV	100703	2917482	35.80%	1.131%
412	20.395	20.354	20.400	VV	86964	2196415	26.95%	0.851%
413	20.411	20.400	20.422	VV	89871	1136310	13.94%	0.440%
414	20.439	20.422	20.460	VV	94268	2013134	24.70%	0.780%
415	20.471	20.460	20.478	VV	81493	879852	10.80%	0.341%
416	20.511	20.478	20.532	VV	244880	4952337	60.77%	1.919%
417	20.546	20.532	20.581	VV	143367	2980779	36.58%	1.155%
418	20.621	20.581	20.648	VV	88878	3050013	37.43%	1.182%
419	20.654	20.648	20.657	VV	71345	381875	4.69%	0.148%
420	20.679	20.657	20.703	VV	76875	2006067	24.62%	0.777%
421	20.709	20.703	20.726	VV	73480	991422	12.17%	0.384%
422	20.730	20.726	20.737	VV	71134	464226	5.70%	0.180%
423	20.742	20.737	20.748	VV	69964	490951	6.02%	0.190%
424	20.755	20.748	20.760	VV	69707	490556	6.02%	0.190%
425	20.766	20.760	20.806	VV	69522	1777247	21.81%	0.689%
426	20.856	20.806	20.894	VV	73363	3408699	41.83%	1.321%
427	20.918	20.894	20.964	VV	67340	2569516	31.53%	0.996%
428	20.997	20.964	21.014	VV	58025	1682090	20.64%	0.652%
429	21.018	21.014	21.025	VV	54811	354754	4.35%	0.137%
430	21.060	21.025	21.080	VV	77258	2213318	27.16%	0.858%
431	21.102	21.080	21.115	VV	69592	1384099	16.99%	0.536%
432	21.129	21.115	21.141	VV	70842	1112995	13.66%	0.431%
433	21.148	21.141	21.179	VV	69545	1523342	18.69%	0.590%
434	21.198	21.179	21.230	VV	72759	2095103	25.71%	0.812%
435	21.270	21.230	21.305	VV	196797	5054815	62.03%	1.959%
436	21.330	21.305	21.357	VV	61623	1714462	21.04%	0.664%
437	21.361	21.357	21.379	VV	48303	621011	7.62%	0.241%
438	21.384	21.379	21.395	VV	47811	459138	5.63%	0.178%
439	21.404	21.395	21.459	VV	46500	1567300	19.23%	0.607%
440	21.474	21.459	21.482	VV	36871	491698	6.03%	0.191%
441	21.489	21.482	21.498	VV	35933	338044	4.15%	0.131%
442	21.506	21.498	21.514	VV	35862	332366	4.08%	0.129%
443	21.535	21.514	21.540	VV	37036	557245	6.84%	0.216%
444	21.552	21.540	21.575	VV	38548	769270	9.44%	0.298%
445	21.589	21.575	21.611	VV	37192	774101	9.50%	0.300%
446	21.622	21.611	21.645	VV	34051	657291	8.07%	0.255%
447	21.671	21.645	21.700	VV	31565	948558	11.64%	0.368%
448	21.768	21.700	21.816	VV	36546	2033631	24.96%	0.788%
449	21.821	21.816	21.852	VV	26242	543328	6.67%	0.211%
450	21.857	21.852	21.863	VV	24455	159312	1.96%	0.062%
451	21.879	21.863	21.914	VV	26131	702660	8.62%	0.272%
452	21.949	21.914	21.955	VV	23851	540232	6.63%	0.209%
453	21.961	21.955	21.965	VV	23525	144835	1.78%	0.056%
454	21.981	21.965	22.007	VV	24209	565302	6.94%	0.219%
455	22.031	22.007	22.059	VV	28916	788860	9.68%	0.306%
456	22.064	22.059	22.068	VV	23908	125752	1.54%	0.049%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

rteres						
457	22.081	22.068	22.122	VV	25794	640952
458	22.177	22.122	22.183	VV	65170	1410122
459	22.220	22.183	22.297	VV	114295	3585874
460	22.303	22.297	22.365	VV	7749	169666
461	22.375	22.365	22.384	PV	1472	7486
462	22.393	22.384	22.400	VBA	905	63672

Sum of corrected areas: 258054681

Instrument :
FID_F
ClientSampleId :
WASTEMSD

7.87% 0.248%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

FF102925.M Fri Oct 31 03:49:21 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3474-01		FF016637.D	FF103025	TETRACOSANE-d50 (SURROGA	 	 	Peak Integrated by Software incorrectly
Q3474-01MS		FF016638.D	FF103025	N-DOTRIACONTANE	 	 	Peak Integrated by Software incorrectly
Q3474-01MS		FF016638.D	FF103025	N-OCTATRIACONTANE	 	 	Peak Integrated by Software incorrectly
Q3474-01MS		FF016638.D	FF103025	N-TETRACONTANE	 	 	Peak Integrated by Software incorrectly
Q3474-01MSD		FF016639.D	FF103025	N-DOTRIACONTANE	 	 	Peak Integrated by Software incorrectly
Q3474-01MSD		FF016639.D	FF103025	N-TETRACONTANE	 	 	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925

Review By	yogesh	Review On	10/29/2025 11:13:33 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:49:06 PM
SubDirectory	FF102925	HP Acquire Method	HP Processing Method FF102925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016601.D	29 Oct 2025 09:11	YP\AJ	Ok
2	I.BLK	FF016602.D	29 Oct 2025 09:40	YP\AJ	Ok
3	100 TRPH STD	FF016603.D	29 Oct 2025 10:39	YP\AJ	Ok
4	50 TRPH STD	FF016604.D	29 Oct 2025 11:08	YP\AJ	Ok
5	20 TRPH STD	FF016605.D	29 Oct 2025 11:38	YP\AJ	Ok
6	10 TRPH STD	FF016606.D	29 Oct 2025 12:07	YP\AJ	Ok
7	5 TRPH STD	FF016607.D	29 Oct 2025 12:37	YP\AJ	Ok
8	FF102925ICV	FF016608.D	29 Oct 2025 13:06	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103025

Review By	yogesh	Review On	10/30/2025 11:10:45 AM
Supervise By		Supervise On	
SubDirectory	FF103025	HP Acquire Method	HP Processing Method FF102925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24964 PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016630.D	30 Oct 2025 09:55	YP\AJ	Ok
2	I.BLK	FF016631.D	30 Oct 2025 10:24	YP\AJ	Ok
3	50 PPM TRPH STD	FF016632.D	30 Oct 2025 11:23	YP\AJ	Ok
4	RT MARKER	FF016633.D	30 Oct 2025 11:53	YP\AJ	Ok
5	PB170324BL	FF016634.D	30 Oct 2025 12:22	YP\AJ	Ok
6	PB170324BS	FF016635.D	30 Oct 2025 12:52	YP\AJ	Ok
7	Q3434-01	FF016636.D	30 Oct 2025 13:21	YP\AJ	Ok
8	Q3474-01	FF016637.D	30 Oct 2025 13:51	YP\AJ	Dilution
9	Q3474-01MS	FF016638.D	30 Oct 2025 14:21	YP\AJ	Ok,NS
10	Q3474-01MSD	FF016639.D	30 Oct 2025 14:50	YP\AJ	Ok,NS
11	Q3474-01	FF016640.D	30 Oct 2025 15:20	YP\AJ	Ok
12	I.BLK	FF016641.D	30 Oct 2025 15:49	YP\AJ	Ok
13	50 PPM TRPH STD	FF016642.D	30 Oct 2025 16:19	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925

Review By	yogesh	Review On	10/29/2025 11:13:33 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:49:06 PM
SubDirectory	FF102925	HP Acquire Method	HP Processing Method FF102925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016601.D	29 Oct 2025 09:11		YP\AJ	Ok
2	I.BLK		FF016602.D	29 Oct 2025 09:40		YP\AJ	Ok
3	100 TRPH STD		FF016603.D	29 Oct 2025 10:39		YP\AJ	Ok
4	50 TRPH STD		FF016604.D	29 Oct 2025 11:08		YP\AJ	Ok
5	20 TRPH STD		FF016605.D	29 Oct 2025 11:38		YP\AJ	Ok
6	10 TRPH STD		FF016606.D	29 Oct 2025 12:07		YP\AJ	Ok
7	5 TRPH STD		FF016607.D	29 Oct 2025 12:37		YP\AJ	Ok
8	FF102925ICV		FF016608.D	29 Oct 2025 13:06		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103025

Review By	yogesh	Review On	10/30/2025 11:10:45 AM
Supervise By		Supervise On	
SubDirectory	FF103025	HP Acquire Method	HP Processing Method FF102925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC	PP24964		
Internal Standard/PEM			
ICV/I.BLK	PP24963,PP24968		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016630.D	30 Oct 2025 09:55		YP\AJ	Ok
2	I.BLK		FF016631.D	30 Oct 2025 10:24		YP\AJ	Ok
3	50 PPM TRPH STD		FF016632.D	30 Oct 2025 11:23		YP\AJ	Ok
4	RT MARKER		FF016633.D	30 Oct 2025 11:53		YP\AJ	Ok
5	PB170324BL		FF016634.D	30 Oct 2025 12:22		YP\AJ	Ok
6	PB170324BS		FF016635.D	30 Oct 2025 12:52		YP\AJ	Ok
7	Q3434-01		FF016636.D	30 Oct 2025 13:21		YP\AJ	Ok
8	Q3474-01		FF016637.D	30 Oct 2025 13:51	Need 5X	YP\AJ	Dilution
9	Q3474-01MS		FF016638.D	30 Oct 2025 14:21		YP\AJ	Ok,NS
10	Q3474-01MSD		FF016639.D	30 Oct 2025 14:50		YP\AJ	Ok,NS
11	Q3474-01		FF016640.D	30 Oct 2025 15:20		YP\AJ	Ok
12	I.BLK		FF016641.D	30 Oct 2025 15:49		YP\AJ	Ok
13	50 PPM TRPH STD		FF016642.D	30 Oct 2025 16:19		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137661

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
Q3459-01	Y2404-0071-END-1-1	1	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-02	Y2404-0071-END-1-2	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-03	Y2404-0071-END-2-1	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-04	Y2404-0071-END-2-2	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-05	BC259240LOK-END-1-1	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-06	BC259240LOK-END-1-2	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-07	BC271327-END-1-1	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-08	BC271327-END-1-2	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-09	BC271327-END-2-1	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-10	BC271327-END-2-2	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-11	BC283118LOK-END-1-1	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-12	BC283118LOK-END-1-2	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-13	BC283118LOK-END-2-1	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-14	BC283118LOK-END-2-2	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-15	BC283118LOK-END-3-1	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-16	BC283118LOK-END-3-2	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-17	BC283118LOK-END-4-1	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-18	BC283118LOK-END-4-2	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3461-01	SS-9R(4.5-5.0)	19	1.18	10.38	11.56	10.34	88.2	
Q3461-02	SS-9R(5.0-5.5)	20	1.19	10.46	11.65	10.07	84.9	
Q3461-03	SS-25(4.5-5.0)	21	1.19	10.39	11.58	9.76	82.5	
Q3461-04	SS-25(5.0-5.5)	22	1.12	11.10	12.22	10.89	88.0	
Q3465-01	SU-03-10242025	23	1.16	10.29	11.45	10.74	93.1	
Q3465-02	SU-03-10242025-E2	24	1.18	10.49	11.67	10.23	86.3	
Q3466-01	B8-0.5-1.0-20251023	25	1.17	10.34	11.51	9.6	81.5	
Q3466-02	B8-0.0-1.0-20251023	26	1.16	10.36	11.52	10.00	85.3	
Q3466-04	B9-0.5-1.0-20251023	27	1.17	10.38	11.55	9.85	83.6	
Q3466-05	B9-0.0-1.0-20251023	28	1.18	10.42	11.6	9.85	83.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137661

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
Q3466-06	B7-1.5-2.0-20251023	29	1.14	10.35	11.49	10.57	91.1	
Q3466-07	B7-1.0-2.0-20251023	30	1.16	10.65	11.81	10.66	89.2	
Q3469-01	TP-13	31	1.18	10.10	11.28	10.38	91.1	
Q3469-02	TP-13-EPH	32	1.12	11.10	12.22	10.21	81.9	
Q3469-03	TP-13-VOC	33	1.11	10.41	11.52	10.52	90.4	
Q3470-01	PILC-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3470-02	PILC-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3472-04	COMP-1	36	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-06	COMP-2	37	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-08	COMP-3	38	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-10	COMP-4	39	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-12	COMP-5	40	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-14	155	41	1.00	1.00	2.00	2.00	100.0	debris
Q3472-16	142	42	1.00	1.00	2.00	2.00	100.0	oil sample
Q3472-18	137	43	1.00	1.00	2.00	2.00	100.0	oil sample
Q3474-01	WASTE	44	1.18	10.39	11.57	10.24	87.2	
Q3474-02	VOC	45	1.11	10.43	11.54	10.14	86.6	
Q3474-03	1	46	1.18	10.32	11.5	9.87	84.2	
Q3474-04	2	47	1.19	10.47	11.66	9.97	83.9	
Q3474-05	3	48	1.16	10.56	11.72	10.32	86.7	
Q3474-06	4	49	1.18	10.27	11.45	10.1	86.9	
Q3474-07	5	50	1.16	10.61	11.77	10.27	85.9	

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

WORKLIST(Hardcopy Internal Chain)

10/27/25

WorkList Name : %1-102725 WorkList ID : 192686 Department : Wet-Chemistry Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3459-01	Y2404-0071-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-02	Y2404-0071-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-03	Y2404-0071-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-04	Y2404-0071-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-05	BC259240LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-06	BC259240LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-07	BC271327-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-08	BC271327-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-09	BC271327-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-10	BC271327-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-11	BC283118LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-12	BC283118LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-13	BC283118LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-14	BC283118LOK-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-15	BC283118LOK-END-3-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-16	BC283118LOK-END-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-17	BC283118LOK-END-4-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-18	BC283118LOK-END-4-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3461-01	SS-9R(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-02	SS-9R(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-03	SS-25(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO

Date/Time 10/27/25 17:45
 Raw Sample Received by: JH WOC
 Raw Sample Relinquished by: JH WOC

WORKLIST(Hardcopy Internal Chain)

137661

WorkList Name : %1-102725 WorkList ID : 192686 Department : Wet-Chemistry Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3461-04	SS-25(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3465-01	SU-03-10242025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3465-02	SU-03-10242025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3466-01	B8-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-02	B8-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-04	B9-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-05	B9-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-06	B7-1.5-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-07	B7-1.0-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3469-01	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-02	TP-13-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-03	TP-13-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3470-01	PILC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3470-02	PILC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-04	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-06	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-08	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-10	COMP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-12	COMP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-14	155	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-16	142	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO

Date/Time 10/27/25 Date/Time 10/27/25
 Raw Sample Received by: 88 WOC Raw Sample Received by: CP8
 Raw Sample Relinquished by: CP8 Raw Sample Relinquished by: CP8

WORKLIST(Hardcopy Internal Chain)

VB 137661

WorkList Name : %1-102725

WorkList ID : 192686

Department : Wet-Chemistry

Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3472-18	137	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3474-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO

Date/Time 10/27/25 13:30

Raw Sample Received by: gg wec

Raw Sample Relinquished by: gg wec

Date/Time 10/27/25 17:45

Raw Sample Received by: gg wec

Raw Sample Relinquished by: gg wec

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 10/29/2025

Extraction Start Time: 10:55

Extraction End Date: 10/29/2025

Extraction End Time: 13:55

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☐ Separatory 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	PP25013
Surrogate	1.0ML	20 PPM	PP24596
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2655
Methylene Chloride	N/A	E3980
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/29/25	RS (Ext lab)	T.P. Pest/PCB
14:00	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/29/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170324BL	PB170324BL	TPH GC	30.02	N/A	ritesh	Evelyn	1			U1-1
PB170324BS	PB170324BS	TPH GC	30.03	N/A	ritesh	Evelyn	1			2
Q3434-01	PR132-WC1-20251022	TPH GC	30.06	N/A	ritesh	Evelyn	1	H		3
Q3474-01	WASTE	TPH GC	30.09	N/A	ritesh	Evelyn	1			4
Q3474-01MS	WASTEMS	TPH GC	30.07	N/A	ritesh	Evelyn	1			5
Q3474-01MS D	WASTEMSD	TPH GC	30.06	N/A	ritesh	Evelyn	1			6

RS
10/29

10/29/25 10:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3474T WorkList ID : 192783 Department : Extraction Date : 10-29-2025 10:18:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3434-01	PR132-WC1-20251022	Solid	TPH GC	Cool 4 deg C	AECO02	D41	10/22/2025	8015D
Q3474-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	J31	10/27/2025	8015D

Date/Time 10/29/25 10:50
Raw Sample Received by: RJ (Ext-666)
Raw Sample Relinquished by: AS

Date/Time 10/29/25 11:05
Raw Sample Received by: RJ
Raw Sample Relinquished by: RJ (Ext-666)



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number 7 R-Inda Road
COC Number Hapwood

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION													
Report to be sent to:			PROJECT NAME:			BILL TO:													
COMPANY:			PROJECT #:			ADDRESS:													
ADDRESS:			LOCATION:			CITY:													
CITY:			PROJECT MANAGER:			STATE:													
STATE:			E-MAIL:			ZIP:													
ATTENTION:			PHONE:			ATTENTION:													
PHONE:			FAX:			PHONE:													
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS													
FAX (RUSH) _____ DAYS*			☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT _____ ☐ Other _____			TPH-GC VOC EPH-F2													
HARDCOPY (DATA PACKAGE): _____ DAYS*																			
EDD: _____ DAYS*																			
*TO BE APPROVED BY CHEMTECH																			
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																			
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	WASTE				10/27	2:15	1		X										
2.	VOC				10/27	3:15	1			X									
3.	1				10/27	3:30	1				X								
4.	2				10/27	3:30	1				X								
5.	3				10/27	3:45	1				X								
6.	4				10/27	3:45	1				X								
7.	5				10/27	3:45	1				X								
8.																			
9.																			
10.																			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																			
RELINQUISHED BY SAMPLER		DATE/TIME 1236		RECEIVED BY		1236		Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>22.2</u>											
1.		10-27-25		1.		10-27-25		Comments: <u>10/27/25</u>											
RELINQUISHED BY		DATE/TIME		RECEIVED BY															
2.				2.															
RELINQUISHED BY		DATE/TIME 1607		RECEIVED FOR LAB BY				CLIENT: ☐ Hand Delivered ☐ Other: _____											
3.		10-27-25		3.				CHEMTECH: ☐ Picked Up											
								Shipment Complete ☐ YES ☐ NO											

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
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 : Q3474 SCIA01

Order Date : 10/27/2025 1:27:00 PM

Project Mgr :

Client Name : Sciacca General Contractor

Project Name : 7 Rynda Road, Maplewood

Report Type : Results Only

Client Contact : Rosanne Scirica

Receive DateTime : 10/27/2025 4:07:00 PM

EDD Type : EXCEL NJCLEANUP

Invoice Name : Sciacca General Contractor

Purchase Order :

Hard Copy Date :

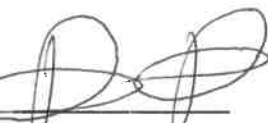
Invoice Contact : Rosanne Scirica

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3474-02	VOC	Solid	10/27/2025	08:15	VOC-TCLVOA-10		8260D		10 Bus. Days

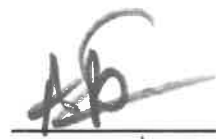
Relinquished By :

Date / Time :


10-27-25

Received By :

Date / Time :


10/28/25

Storage Area : VOA Refridgerator Room