

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:	Q3661	OrderDate:	11/17/2025 2:41:00 PM
Client:	Sciacca General Contractors, LLC	Project:	186 Arlington Blvd, North Arlington
Contact:	Rosanne Scirica	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3661-01	WASTE	SOIL	TPH GC	8015D	11/17/25	11/20/25	11/20/25	11/17/25



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.: Q3661

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016758.D	106				0
PIBLK-FF016773.D	108				0
PB170659BL	81				0
PB170659BS	87				0
WASTE	63				0
WASTEMS	60				0
WASTEMSD	61				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>Q3661</u>
Client Sample ID :	<u>WASTEMS</u>	Datafile:	<u>FF016767.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	14011	17800	29878	86%		68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No: Q3661

Client Sample ID : WASTEMSD

Datafile: FF016768.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	14002	17800	30046	87%		68-131

MS/MSD % Recovery RPD : 1.4

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

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No: Q3661

Client Sample ID : PB170659BS

Datafile: FF016762.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11322	0	9111	80	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170659BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3661

Lab File ID: FF016761.D

Lab Sample ID: PB170659BL

Instrument ID: FF

Date Extracted: 11/20/2025

Matrix: (soil/water) Soil

Date Analyzed: 11/20/25

Level: (low/med) low

Time Analyzed: 17:45

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170659BS	PB170659BS	FF016762.D	11/20/25
WASTE	Q3661-01	FF016766.D	11/20/25
WASTEMS	Q3661-01MS	FF016767.D	11/20/25
WASTEMSD	Q3661-01MSD	FF016768.D	11/20/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	WASTE	SDG No.:	Q3661
Lab Sample ID:	Q3661-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	80.7
Sample Wt/Vol:	30.04 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:	11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	17800		1	475	3510	ug/kg	11/20/25 20:12	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	12.6			37 - 130	63%	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\FF112025\
Data File : FF016766.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 20:12
Operator : YP\AJ
Sample : Q3661-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTE

Integration File: Sample.e
Quant Time: Nov 21 01:12:10 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...	15.047	1317342	12.609 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

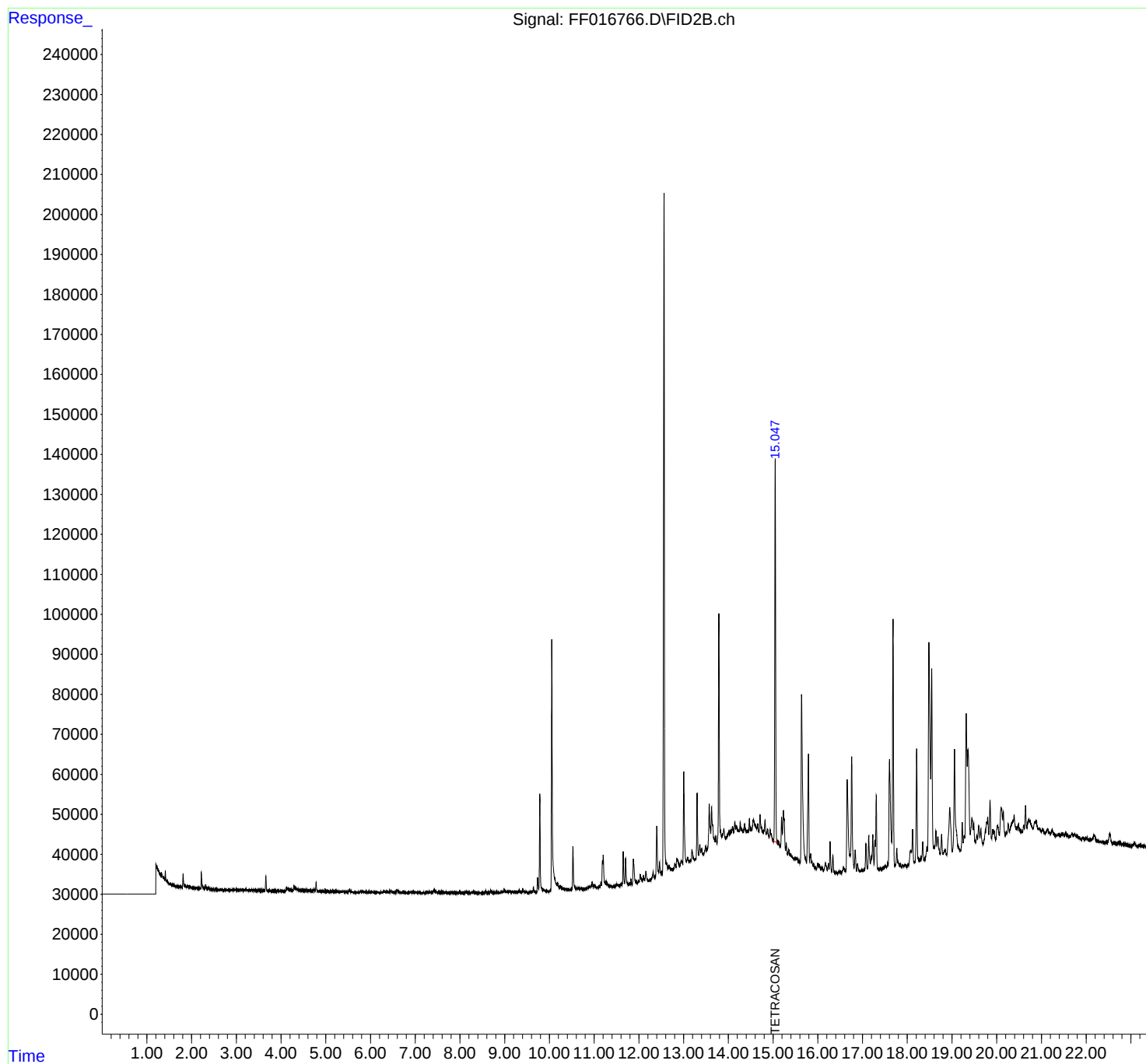
(m)=manual int.

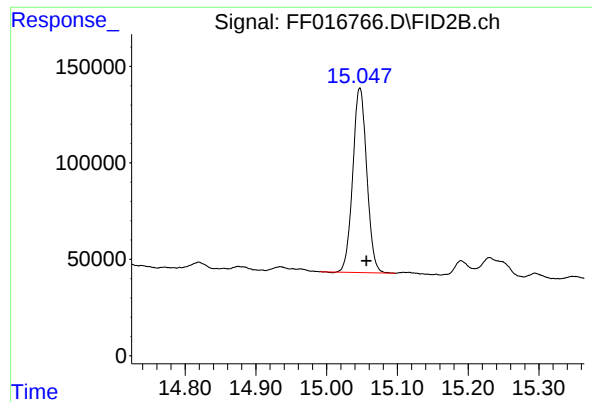
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016766.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 20:12
Operator : YP\AJ
Sample : Q3661-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTE

Integration File: Sample.e
Quant Time: Nov 21 01:12:10 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.: 15.047 min
Delta R.T.: -0.009 min
Response: 1317342
Conc: 12.61 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTE

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016766.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 20:12
 Sample : Q3661-01
 Misc :
 ALS Vial : 76 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	1.917	1.900	1.929	BV	361	3014	0.12%	0.006%
2	1.935	1.929	1.957	VV	223	2530	0.10%	0.005%
3	1.968	1.957	1.977	VV	274	1920	0.08%	0.004%
4	1.981	1.977	1.999	VV	183	1364	0.05%	0.003%
5	2.004	1.999	2.024	VV	119	946	0.04%	0.002%
6	2.040	2.024	2.073	PV	229	3459	0.14%	0.007%
7	2.077	2.073	2.085	VV	146	632	0.03%	0.001%
8	2.093	2.085	2.105	VV	145	1151	0.05%	0.002%
9	2.112	2.105	2.129	VV	171	1516	0.06%	0.003%
10	2.135	2.129	2.140	PV	148	493	0.02%	0.001%
11	2.143	2.140	2.153	VV	132	848	0.03%	0.002%
12	2.158	2.153	2.165	VV	135	838	0.03%	0.002%
13	2.169	2.165	2.184	VV	193	1154	0.05%	0.002%
14	2.217	2.184	2.293	VV	4224	55893	2.25%	0.118%
15	2.312	2.293	2.349	VV	1220	16208	0.65%	0.034%
16	2.368	2.349	2.425	VV	487	9539	0.38%	0.020%
17	2.429	2.425	2.436	VV	93	373	0.01%	0.001%
18	2.443	2.436	2.457	PV	126	941	0.04%	0.002%
19	2.461	2.457	2.473	VV	101	701	0.03%	0.001%
20	2.476	2.473	2.481	VV	131	393	0.02%	0.001%
21	2.486	2.481	2.491	VV	144	500	0.02%	0.001%
22	2.498	2.491	2.507	VV	122	767	0.03%	0.002%
23	2.511	2.507	2.525	VV	117	665	0.03%	0.001%
24	2.531	2.525	2.541	VV	100	635	0.03%	0.001%
25	2.556	2.541	2.570	VV	581	1667	0.07%	0.004%
26	2.577	2.570	2.582	PV	107	575	0.02%	0.001%
27	2.586	2.582	2.589	VV	105	296	0.01%	0.001%
28	2.593	2.589	2.598	VV	147	443	0.02%	0.001%
29	2.618	2.598	2.656	VV	181	3665	0.15%	0.008%
30	2.663	2.656	2.668	PV	163	571	0.02%	0.001%
31	2.685	2.668	2.702	VV	180	2269	0.09%	0.005%
32	2.707	2.702	2.711	VV	147	588	0.02%	0.001%
33	2.722	2.711	2.730	VV	225	1919	0.08%	0.004%
34	2.732	2.730	2.763	VV	229	2175	0.09%	0.005%
35	2.774	2.763	2.778	VV	112	575	0.02%	0.001%
36	2.795	2.778	2.805	PV	156	1453	0.06%	0.003%

					rteres			
37	2.810	2.805	2.833	VV	199	1886	0.08%	0.004%
38	2.838	2.833	2.844	VV	138	496	0.02%	0.001%
39	2.855	2.844	2.882	VV	164	2259	0.09%	0.005%
40	2.903	2.882	2.910	VV	150	1820	0.07%	0.004%
41	2.916	2.910	2.922	VV	200	947	0.04%	0.002%
42	2.925	2.922	2.935	VV	196	1097	0.04%	0.002%
43	2.941	2.935	2.960	VV	200	2506	0.10%	0.005%
44	2.965	2.960	2.972	VV	197	1246	0.05%	0.003%
45	2.998	2.972	3.022	VV	308	5518	0.22%	0.012%
46	3.028	3.022	3.033	VV	204	901	0.04%	0.002%
47	3.044	3.033	3.049	VV	180	1372	0.06%	0.003%
48	3.060	3.049	3.088	VV	170	3933	0.16%	0.008%
49	3.090	3.088	3.094	VV	240	654	0.03%	0.001%
50	3.108	3.094	3.145	VV	172	3948	0.16%	0.008%
51	3.152	3.145	3.170	VV	211	2327	0.09%	0.005%
52	3.209	3.170	3.255	VV	439	11999	0.48%	0.025%
53	3.259	3.255	3.275	VV	217	2159	0.09%	0.005%
54	3.279	3.275	3.283	VV	177	707	0.03%	0.001%
55	3.303	3.283	3.330	VV	301	5633	0.23%	0.012%
56	3.343	3.330	3.382	VV	267	6505	0.26%	0.014%
57	3.385	3.382	3.400	VV	250	2043	0.08%	0.004%
58	3.401	3.400	3.406	VV	202	728	0.03%	0.002%
59	3.412	3.406	3.454	VV	225	5473	0.22%	0.012%
60	3.461	3.454	3.469	VV	228	1807	0.07%	0.004%
61	3.474	3.469	3.478	VV	212	992	0.04%	0.002%
62	3.483	3.478	3.490	VV	245	1449	0.06%	0.003%
63	3.491	3.490	3.515	VV	253	3147	0.13%	0.007%
64	3.519	3.515	3.528	VV	177	1355	0.05%	0.003%
65	3.532	3.528	3.535	VV	167	772	0.03%	0.002%
66	3.539	3.535	3.546	VV	200	1030	0.04%	0.002%
67	3.555	3.546	3.565	VV	245	1882	0.08%	0.004%
68	3.576	3.565	3.582	VV	186	1400	0.06%	0.003%
69	3.586	3.582	3.600	VV	167	1580	0.06%	0.003%
70	3.660	3.600	3.689	VV	3777	46500	1.87%	0.098%
71	3.693	3.689	3.710	VV	231	1785	0.07%	0.004%
72	3.719	3.710	3.746	VV	227	2982	0.12%	0.006%
73	3.756	3.746	3.781	VV	255	3549	0.14%	0.007%
74	3.787	3.781	3.801	VV	155	1253	0.05%	0.003%
75	3.806	3.801	3.813	VV	199	839	0.03%	0.002%
76	3.815	3.813	3.821	VV	164	605	0.02%	0.001%
77	3.843	3.821	3.853	VV	215	2836	0.11%	0.006%
78	3.857	3.853	3.885	VV	238	2826	0.11%	0.006%
79	3.890	3.885	3.899	VV	184	1121	0.05%	0.002%
80	3.903	3.899	3.926	VV	187	2367	0.10%	0.005%
81	3.930	3.926	3.945	VV	133	1250	0.05%	0.003%
82	3.951	3.945	3.973	PV	166	1562	0.06%	0.003%
83	3.996	3.973	4.006	VV	162	2258	0.09%	0.005%
84	4.028	4.006	4.047	VV	201	3627	0.15%	0.008%
85	4.060	4.047	4.085	VV	188	2725	0.11%	0.006%
86	4.087	4.085	4.090	VV	134	385	0.02%	0.001%
87	4.117	4.090	4.141	VV	1012	18610	0.75%	0.039%
88	4.149	4.141	4.216	VV	878	26445	1.06%	0.056%
89	4.227	4.216	4.245	VV	471	7544	0.30%	0.016%

					rteres			
90	4.247	4.245	4.252	VV	391	1288	0.05%	0.003%
91	4.256	4.252	4.267	VV	371	2982	0.12%	0.006%
92	4.270	4.267	4.273	VV	335	1091	0.04%	0.002%
93	4.286	4.273	4.320	VV	1412	29386	1.18%	0.062%
94	4.326	4.320	4.346	VV	983	13797	0.55%	0.029%
95	4.351	4.346	4.367	VV	825	8832	0.35%	0.019%
96	4.373	4.367	4.434	VV	650	20035	0.80%	0.042%
97	4.445	4.434	4.455	VV	443	5164	0.21%	0.011%
98	4.462	4.455	4.472	VV	394	3718	0.15%	0.008%
99	4.481	4.472	4.490	VV	418	4043	0.16%	0.009%
100	4.494	4.490	4.521	VV	383	6333	0.25%	0.013%
101	4.531	4.521	4.546	VV	490	6071	0.24%	0.013%
102	4.565	4.546	4.596	VV	579	12928	0.52%	0.027%
103	4.612	4.596	4.633	VV	413	7536	0.30%	0.016%
104	4.636	4.633	4.647	VV	353	2930	0.12%	0.006%
105	4.653	4.647	4.663	VV	423	3560	0.14%	0.008%
106	4.668	4.663	4.715	VV	419	10163	0.41%	0.021%
107	4.733	4.715	4.764	VV	633	11906	0.48%	0.025%
108	4.784	4.764	4.817	VV	2507	30711	1.23%	0.065%
109	4.822	4.817	4.837	VV	317	2817	0.11%	0.006%
110	4.849	4.837	4.853	VV	300	2303	0.09%	0.005%
111	4.867	4.853	4.879	VV	315	3717	0.15%	0.008%
112	4.889	4.879	4.899	VV	292	2869	0.12%	0.006%
113	4.903	4.899	4.917	VV	264	2503	0.10%	0.005%
114	4.919	4.917	4.933	VV	274	1820	0.07%	0.004%
115	4.937	4.933	4.945	VV	235	1201	0.05%	0.003%
116	4.955	4.945	4.960	VV	291	1909	0.08%	0.004%
117	4.985	4.960	5.009	VV	296	7579	0.30%	0.016%
118	5.023	5.009	5.056	VV	386	8089	0.32%	0.017%
119	5.059	5.056	5.068	VV	323	2115	0.08%	0.004%
120	5.073	5.068	5.090	VV	343	3618	0.15%	0.008%
121	5.100	5.090	5.113	VV	284	3341	0.13%	0.007%
122	5.117	5.113	5.125	VV	285	1895	0.08%	0.004%
123	5.128	5.125	5.144	VV	266	2651	0.11%	0.006%
124	5.146	5.144	5.160	VV	297	1994	0.08%	0.004%
125	5.170	5.160	5.184	VV	179	2267	0.09%	0.005%
126	5.191	5.184	5.206	VV	222	2187	0.09%	0.005%
127	5.223	5.206	5.240	VV	458	6439	0.26%	0.014%
128	5.241	5.240	5.269	VV	249	3103	0.12%	0.007%
129	5.274	5.269	5.286	VV	164	1586	0.06%	0.003%
130	5.298	5.286	5.309	VV	219	2233	0.09%	0.005%
131	5.316	5.309	5.335	VV	244	2628	0.11%	0.006%
132	5.337	5.335	5.342	VV	226	729	0.03%	0.002%
133	5.380	5.342	5.396	VV	332	7286	0.29%	0.015%
134	5.403	5.396	5.431	VV	322	4522	0.18%	0.010%
135	5.446	5.431	5.458	VV	202	2565	0.10%	0.005%
136	5.464	5.458	5.469	VV	196	1087	0.04%	0.002%
137	5.473	5.469	5.483	VV	175	1006	0.04%	0.002%
138	5.492	5.483	5.499	VV	196	1386	0.06%	0.003%
139	5.519	5.499	5.577	VV	650	16116	0.65%	0.034%
140	5.584	5.577	5.603	VV	191	2320	0.09%	0.005%
141	5.605	5.603	5.616	VV	192	836	0.03%	0.002%

					rteres			
142	5.622	5.616	5.630	VV	136	747	0.03%	0.002%
143	5.633	5.630	5.656	VV	124	1864	0.07%	0.004%
144	5.667	5.656	5.683	VV	125	1124	0.05%	0.002%
145	5.689	5.683	5.699	VV	95	713	0.03%	0.002%
146	5.706	5.699	5.715	VV	187	1127	0.05%	0.002%
147	5.718	5.715	5.731	VV	111	921	0.04%	0.002%
148	5.736	5.731	5.742	VV	154	632	0.03%	0.001%
149	5.750	5.742	5.755	VV	129	637	0.03%	0.001%
150	5.771	5.755	5.800	PV	519	8665	0.35%	0.018%
151	5.821	5.800	5.826	VV	338	4523	0.18%	0.010%
152	5.829	5.826	5.843	VV	308	2672	0.11%	0.006%
153	5.845	5.843	5.848	VV	296	782	0.03%	0.002%
154	5.854	5.848	5.861	VV	245	1708	0.07%	0.004%
155	5.868	5.861	5.879	VV	266	2221	0.09%	0.005%
156	5.886	5.879	5.890	VV	217	1272	0.05%	0.003%
157	5.901	5.890	5.926	VV	270	4207	0.17%	0.009%
158	5.928	5.926	5.933	VV	168	550	0.02%	0.001%
159	5.938	5.933	5.943	VV	181	838	0.03%	0.002%
160	5.957	5.943	5.982	VV	334	5330	0.21%	0.011%
161	5.989	5.982	6.004	VV	208	2166	0.09%	0.005%
162	6.025	6.004	6.062	VV	285	6630	0.27%	0.014%
163	6.064	6.062	6.087	VV	226	2510	0.10%	0.005%
164	6.089	6.087	6.103	VV	188	1407	0.06%	0.003%
165	6.106	6.103	6.131	VV	146	1489	0.06%	0.003%
166	6.138	6.131	6.202	PV	322	4409	0.18%	0.009%
167	6.238	6.202	6.257	VV	176	4362	0.18%	0.009%
168	6.282	6.257	6.292	VV	372	4955	0.20%	0.010%
169	6.316	6.292	6.336	VV	416	8294	0.33%	0.017%
170	6.341	6.336	6.347	VV	347	1961	0.08%	0.004%
171	6.365	6.347	6.394	VV	297	7393	0.30%	0.016%
172	6.401	6.394	6.413	VV	261	2654	0.11%	0.006%
173	6.430	6.413	6.444	VV	554	7162	0.29%	0.015%
174	6.460	6.444	6.484	VV	734	9383	0.38%	0.020%
175	6.489	6.484	6.494	VV	156	763	0.03%	0.002%
176	6.506	6.494	6.519	VV	173	2065	0.08%	0.004%
177	6.523	6.519	6.526	VV	170	659	0.03%	0.001%
178	6.536	6.526	6.569	VV	240	3810	0.15%	0.008%
179	6.598	6.569	6.618	VV	766	14489	0.58%	0.031%
180	6.623	6.618	6.682	VV	473	9567	0.38%	0.020%
181	6.687	6.682	6.691	VV	196	782	0.03%	0.002%
182	6.746	6.691	6.820	VV	252	10642	0.43%	0.022%
183	6.825	6.820	6.832	VV	124	689	0.03%	0.001%
184	6.898	6.832	6.936	VV	247	9888	0.40%	0.021%
185	6.963	6.936	6.986	VV	265	5072	0.20%	0.011%
186	7.014	6.986	7.045	VV	292	6465	0.26%	0.014%
187	7.064	7.045	7.092	VV	198	3216	0.13%	0.007%
188	7.100	7.092	7.137	VV	138	2468	0.10%	0.005%
189	7.146	7.137	7.182	VV	105	1993	0.08%	0.004%
190	7.194	7.182	7.218	VV	140	1910	0.08%	0.004%
191	7.256	7.218	7.284	PV	266	7156	0.29%	0.015%
192	7.292	7.284	7.347	VV	390	7955	0.32%	0.017%
193	7.420	7.347	7.451	VV	934	26614	1.07%	0.056%
194	7.462	7.451	7.507	VV	473	10143	0.41%	0.021%

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195	7.526	7.507	7.552	VV	260	5621	0.23%	0.012%
196	7.577	7.552	7.627	VV	282	9288	0.37%	0.020%
197	7.636	7.627	7.677	VV	161	3732	0.15%	0.008%
198	7.688	7.677	7.754	VV	192	4177	0.17%	0.009%
199	7.807	7.754	7.847	VV	230	5814	0.23%	0.012%
200	7.862	7.847	7.891	VV	169	3011	0.12%	0.006%
201	7.902	7.891	7.924	VV	100	1546	0.06%	0.003%
202	7.942	7.924	7.952	PV	96	1362	0.05%	0.003%
203	7.984	7.952	8.015	VV	330	7037	0.28%	0.015%
204	8.038	8.015	8.087	VV	145	3859	0.16%	0.008%
205	8.129	8.087	8.170	VV	361	10915	0.44%	0.023%
206	8.180	8.170	8.251	VV	213	6508	0.26%	0.014%
207	8.267	8.251	8.286	VV	175	2523	0.10%	0.005%
208	8.306	8.286	8.379	VV	317	7213	0.29%	0.015%
209	8.397	8.379	8.420	VV	206	3037	0.12%	0.006%
210	8.432	8.420	8.466	VV	123	1967	0.08%	0.004%
211	8.478	8.466	8.500	VV	165	2641	0.11%	0.006%
212	8.509	8.500	8.526	VV	224	1785	0.07%	0.004%
213	8.577	8.526	8.635	VV	583	12612	0.51%	0.027%
214	8.643	8.635	8.652	VV	104	718	0.03%	0.002%
215	8.686	8.652	8.757	PV	773	17338	0.70%	0.037%
216	8.782	8.757	8.798	VV	230	3898	0.16%	0.008%
217	8.813	8.798	8.885	VV	304	7693	0.31%	0.016%
218	8.937	8.885	8.967	PV	587	13989	0.56%	0.030%
219	8.987	8.967	9.044	VV	730	20868	0.84%	0.044%
220	9.079	9.044	9.101	VV	455	11902	0.48%	0.025%
221	9.115	9.101	9.152	VV	507	10182	0.41%	0.021%
222	9.170	9.152	9.180	VV	340	3872	0.16%	0.008%
223	9.192	9.180	9.216	VV	313	5058	0.20%	0.011%
224	9.228	9.216	9.257	VV	263	4547	0.18%	0.010%
225	9.323	9.257	9.375	VV	593	18501	0.74%	0.039%
226	9.404	9.375	9.426	VV	963	14195	0.57%	0.030%
227	9.431	9.426	9.484	VV	395	8261	0.33%	0.017%
228	9.493	9.484	9.534	VV	223	2883	0.12%	0.006%
229	9.559	9.534	9.571	PV	109	1066	0.04%	0.002%
230	9.594	9.571	9.618	PV	244	4611	0.19%	0.010%
231	9.642	9.618	9.668	VV	1306	15353	0.62%	0.032%
232	9.682	9.668	9.699	VV	120	1730	0.07%	0.004%
233	9.735	9.699	9.761	VV	3718	50044	2.01%	0.106%
234	9.785	9.761	9.861	VV	24409	304441	12.23%	0.642%
235	9.875	9.861	9.894	VV	659	10621	0.43%	0.022%
236	9.900	9.894	9.950	VV	402	9170	0.37%	0.019%
237	9.962	9.950	9.985	VV	241	2424	0.10%	0.005%
238	10.017	9.985	10.027	PV	440	5073	0.20%	0.011%
239	10.053	10.027	10.167	VV	63102	948503	38.10%	2.001%
240	10.184	10.167	10.227	VV	1943	51798	2.08%	0.109%
241	10.237	10.227	10.274	VV	1044	26461	1.06%	0.056%
242	10.288	10.274	10.334	VV	801	21463	0.86%	0.045%
243	10.349	10.334	10.427	VV	458	16361	0.66%	0.035%
244	10.454	10.427	10.482	VV	259	6391	0.26%	0.013%
245	10.525	10.482	10.594	VV	10849	159319	6.40%	0.336%
246	10.614	10.594	10.636	VV	602	9841	0.40%	0.021%

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247	10.652	10.636	10.689	VV	429	10476	0.42%	0.022%
248	10.704	10.689	10.736	VV	399	7477	0.30%	0.016%
249	10.749	10.736	10.755	VV	204	1898	0.08%	0.004%
250	10.782	10.755	10.791	VV	284	3583	0.14%	0.008%
251	10.853	10.791	10.865	VV	435	8251	0.33%	0.017%
252	10.885	10.865	10.905	VV	800	12620	0.51%	0.027%
253	10.928	10.905	10.937	VV	930	13231	0.53%	0.028%
254	10.953	10.937	10.981	VV	1857	29733	1.19%	0.063%
255	10.997	10.981	11.007	VV	846	12080	0.49%	0.025%
256	11.017	11.007	11.047	VV	795	14152	0.57%	0.030%
257	11.059	11.047	11.084	VV	399	8134	0.33%	0.017%
258	11.108	11.084	11.131	VV	599	11910	0.48%	0.025%
259	11.150	11.131	11.163	VV	1634	19900	0.80%	0.042%
260	11.202	11.163	11.246	VV	8289	202787	8.15%	0.428%
261	11.266	11.246	11.289	VV	1803	35236	1.42%	0.074%
262	11.299	11.289	11.392	VV	1064	35851	1.44%	0.076%
263	11.401	11.392	11.420	VV	281	3988	0.16%	0.008%
264	11.455	11.420	11.469	VV	441	9896	0.40%	0.021%
265	11.494	11.469	11.572	VV	929	36199	1.45%	0.076%
266	11.601	11.572	11.616	VV	835	16545	0.66%	0.035%
267	11.649	11.616	11.681	VV	8899	121480	4.88%	0.256%
268	11.702	11.681	11.767	VV	7135	121126	4.87%	0.256%
269	11.790	11.767	11.804	VV	745	13734	0.55%	0.029%
270	11.824	11.804	11.850	VV	1854	28799	1.16%	0.061%
271	11.877	11.850	11.931	VV	6887	150524	6.05%	0.318%
272	11.944	11.931	11.967	VV	1266	22864	0.92%	0.048%
273	11.991	11.967	12.009	VV	1422	27293	1.10%	0.058%
274	12.032	12.009	12.078	VV	2835	77375	3.11%	0.163%
275	12.102	12.078	12.127	VV	2567	55525	2.23%	0.117%
276	12.156	12.127	12.224	VV	3643	113244	4.55%	0.239%
277	12.247	12.224	12.263	VV	1447	29141	1.17%	0.061%
278	12.319	12.263	12.346	VV	3422	107451	4.32%	0.227%
279	12.401	12.346	12.444	VV	14591	324702	13.04%	0.685%
280	12.462	12.444	12.496	VV	5687	123862	4.98%	0.261%
281	12.510	12.496	12.523	VV	2984	46241	1.86%	0.098%
282	12.563	12.523	12.614	VV	172689	2489334	100.00%	5.252%
283	12.622	12.614	12.644	VV	5343	87982	3.53%	0.186%
284	12.656	12.644	12.664	VV	4314	50643	2.03%	0.107%
285	12.678	12.664	12.709	VV	4512	111548	4.48%	0.235%
286	12.723	12.709	12.744	VV	3889	78825	3.17%	0.166%
287	12.802	12.744	12.827	VV	5144	208476	8.37%	0.440%
288	12.849	12.827	12.906	VV	6285	252749	10.15%	0.533%
289	12.946	12.906	12.981	VV	5724	231124	9.28%	0.488%
290	13.004	12.981	13.064	VV	27930	592142	23.79%	1.249%
291	13.088	13.064	13.126	VV	6369	214488	8.62%	0.453%
292	13.152	13.126	13.166	VV	5727	129588	5.21%	0.273%
293	13.187	13.166	13.271	VV	8120	401110	16.11%	0.846%
294	13.302	13.271	13.334	VV	22398	438973	17.63%	0.926%
295	13.362	13.334	13.384	VV	9391	242090	9.73%	0.511%
296	13.400	13.384	13.451	VV	8281	300012	12.05%	0.633%
297	13.490	13.451	13.516	VV	8892	312212	12.54%	0.659%
298	13.573	13.516	13.606	VV	19471	662274	26.60%	1.397%
299	13.625	13.606	13.701	VV	18679	750881	30.16%	1.584%

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300	13.720	13.701	13.745	VV	11259	279249	11.22%	0.589%
301	13.788	13.745	13.850	VV	66746	1356221	54.48%	2.861%
302	13.898	13.850	13.939	VV	12959	620431	24.92%	1.309%
303	14.010	13.939	14.034	VV	12358	649039	26.07%	1.369%
304	14.050	14.034	14.074	VV	12441	290333	11.66%	0.613%
305	14.093	14.074	14.119	VV	13323	341179	13.71%	0.720%
306	14.145	14.119	14.161	VV	14725	333864	13.41%	0.704%
307	14.174	14.161	14.211	VV	13415	390184	15.67%	0.823%
308	14.217	14.211	14.246	VV	12304	257490	10.34%	0.543%
309	14.265	14.246	14.291	VV	14430	355041	14.26%	0.749%
310	14.298	14.291	14.326	VV	12883	260844	10.48%	0.550%
311	14.364	14.326	14.417	VV	13764	689459	27.70%	1.455%
312	14.435	14.417	14.449	VV	12227	228515	9.18%	0.482%
313	14.470	14.449	14.490	VV	15198	330903	13.29%	0.698%
314	14.506	14.490	14.525	VV	12789	261884	10.52%	0.553%
315	14.561	14.525	14.592	VV	14808	554189	22.26%	1.169%
316	14.601	14.592	14.632	VV	13643	311339	12.51%	0.657%
317	14.653	14.632	14.684	VV	13541	398876	16.02%	0.842%
318	14.708	14.684	14.761	VV	15949	610473	24.52%	1.288%
319	14.771	14.761	14.789	VV	11960	199586	8.02%	0.421%
320	14.819	14.789	14.862	VV	14552	540169	21.70%	1.140%
321	14.876	14.862	14.913	VV	12311	342389	13.75%	0.722%
322	14.935	14.913	15.009	VV	12136	602044	24.18%	1.270%
323	15.047	15.009	15.097	VV	104738	1792072	71.99%	3.781%
324	15.112	15.097	15.162	VV	8967	324802	13.05%	0.685%
325	15.190	15.162	15.209	VV	15041	317873	12.77%	0.671%
326	15.230	15.209	15.278	VV	16654	512724	20.60%	1.082%
327	15.295	15.278	15.329	VV	8546	209462	8.41%	0.442%
328	15.349	15.329	15.381	VV	6698	187792	7.54%	0.396%
329	15.388	15.381	15.408	VV	5682	87447	3.51%	0.184%
330	15.415	15.408	15.476	VV	5041	191952	7.71%	0.405%
331	15.494	15.476	15.505	VV	4564	78986	3.17%	0.167%
332	15.514	15.505	15.532	VV	4701	71060	2.85%	0.150%
333	15.542	15.532	15.569	VV	4419	91898	3.69%	0.194%
334	15.584	15.569	15.601	VV	3886	70094	2.82%	0.148%
335	15.637	15.601	15.747	VV	44906	1212901	48.72%	2.559%
336	15.790	15.747	15.816	VV	30455	582713	23.41%	1.229%
337	15.842	15.816	15.863	VV	5426	123516	4.96%	0.261%
338	15.871	15.863	15.890	VV	3367	49187	1.98%	0.104%
339	15.903	15.890	15.941	VV	2671	67309	2.70%	0.142%
340	15.950	15.941	15.972	VV	1938	32147	1.29%	0.068%
341	15.997	15.972	16.019	VV	2720	64899	2.61%	0.137%
342	16.032	16.019	16.078	VV	2560	69373	2.79%	0.146%
343	16.095	16.078	16.125	VV	1926	41569	1.67%	0.088%
344	16.172	16.125	16.216	VV	2728	99326	3.99%	0.210%
345	16.237	16.216	16.253	VV	2634	42600	1.71%	0.090%
346	16.275	16.253	16.312	VV	8150	125328	5.03%	0.264%
347	16.338	16.312	16.394	VV	4618	76488	3.07%	0.161%
348	16.400	16.394	16.424	VV	286	3481	0.14%	0.007%
349	16.430	16.424	16.439	VV	127	889	0.04%	0.002%
350	16.470	16.439	16.486	PV	573	8988	0.36%	0.019%
351	16.504	16.486	16.532	VV	423	7726	0.31%	0.016%

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352	16.577	16.532	16.614	VV	1500	40010	1.61%	0.084%
353	16.658	16.614	16.714	VV	23272	565303	22.71%	1.193%
354	16.758	16.714	16.810	VV	29008	568605	22.84%	1.200%
355	16.836	16.810	16.867	VV	5590	94352	3.79%	0.199%
356	16.889	16.867	16.944	VV	2032	37178	1.49%	0.078%
357	16.957	16.944	16.971	PV	263	2920	0.12%	0.006%
358	16.983	16.971	17.003	VV	345	4712	0.19%	0.010%
359	17.076	17.003	17.112	VV	6925	117358	4.71%	0.248%
360	17.138	17.112	17.176	VV	8638	162573	6.53%	0.343%
361	17.196	17.176	17.206	VV	3666	51354	2.06%	0.108%
362	17.230	17.206	17.256	VV	8994	155376	6.24%	0.328%
363	17.278	17.256	17.287	VV	7658	92025	3.70%	0.194%
364	17.306	17.287	17.340	VV	18629	262936	10.56%	0.555%
365	17.354	17.340	17.372	VV	387	5312	0.21%	0.011%
366	17.387	17.372	17.397	VV	283	3812	0.15%	0.008%
367	17.417	17.397	17.434	VV	432	5848	0.23%	0.012%
368	17.472	17.434	17.486	VV	517	11490	0.46%	0.024%
369	17.506	17.486	17.539	VV	909	22829	0.92%	0.048%
370	17.563	17.539	17.573	VV	1604	22436	0.90%	0.047%
371	17.602	17.573	17.652	VV	27509	664797	26.71%	1.403%
372	17.681	17.652	17.729	VV	62264	937166	37.65%	1.977%
373	17.766	17.729	17.791	VV	5025	88159	3.54%	0.186%
374	17.795	17.791	17.826	VV	1596	23379	0.94%	0.049%
375	17.846	17.826	17.874	VV	1077	17461	0.70%	0.037%
376	17.896	17.874	17.921	PV	724	12229	0.49%	0.026%
377	17.959	17.921	17.992	VV	697	18584	0.75%	0.039%
378	18.081	17.992	18.097	VV	4066	124461	5.00%	0.263%
379	18.118	18.097	18.166	VV	9296	163254	6.56%	0.344%
380	18.209	18.166	18.281	VV	29271	475748	19.11%	1.004%
381	18.300	18.281	18.311	VV	1904	28271	1.14%	0.060%
382	18.345	18.311	18.379	VV	5779	114416	4.60%	0.241%
383	18.438	18.379	18.451	VV	4351	107128	4.30%	0.226%
384	18.484	18.451	18.523	VV	54871	1327609	53.33%	2.801%
385	18.545	18.523	18.591	VV	48320	902396	36.25%	1.904%
386	18.640	18.591	18.662	VV	8060	224204	9.01%	0.473%
387	18.683	18.662	18.734	VV	6410	185722	7.46%	0.392%
388	18.767	18.734	18.798	VV	7045	146038	5.87%	0.308%
389	18.845	18.798	18.877	VV	3260	113213	4.55%	0.239%
390	18.949	18.877	19.006	VV	13351	517358	20.78%	1.092%
391	19.056	19.006	19.195	VV	27759	828197	33.27%	1.747%
392	19.229	19.195	19.252	VV	9242	181788	7.30%	0.384%
393	19.273	19.252	19.284	VV	5722	98943	3.97%	0.209%
394	19.318	19.284	19.341	VV	36183	766794	30.80%	1.618%
395	19.357	19.341	19.407	VV	26897	743779	29.88%	1.569%
396	19.447	19.407	19.472	VV	9632	314832	12.65%	0.664%
397	19.486	19.472	19.517	VV	8599	167915	6.75%	0.354%
398	19.554	19.517	19.571	VV	5482	146517	5.89%	0.309%
399	19.596	19.571	19.624	VV	7645	195591	7.86%	0.413%
400	19.645	19.624	19.692	VV	6962	195274	7.84%	0.412%
401	19.744	19.692	19.752	VV	6385	159265	6.40%	0.336%
402	19.776	19.752	19.785	VV	8516	148765	5.98%	0.314%
403	19.798	19.785	19.820	VV	9608	166639	6.69%	0.352%
404	19.851	19.820	19.884	VV	13586	313295	12.59%	0.661%

					rteres			
405	19.910	19.884	19.926	VV	6288	131520	5.28%	0.277%
406	19.941	19.926	19.981	VV	5974	159087	6.39%	0.336%
407	20.022	19.981	20.060	VV	7059	277513	11.15%	0.586%
408	20.101	20.060	20.131	VV	11349	389254	15.64%	0.821%
409	20.147	20.131	20.194	VV	10452	272934	10.96%	0.576%
410	20.257	20.194	20.289	VV	6928	313393	12.59%	0.661%
411	20.390	20.289	20.459	VV	9231	695167	27.93%	1.467%
412	20.486	20.459	20.542	VV	6464	276570	11.11%	0.584%
413	20.552	20.542	20.574	VV	4738	89986	3.61%	0.190%
414	20.601	20.574	20.617	VV	6115	143190	5.75%	0.302%
415	20.644	20.617	20.673	VV	10948	260215	10.45%	0.549%
416	20.715	20.673	20.812	VV	7494	533565	21.43%	1.126%
417	20.848	20.812	20.865	VV	6733	192128	7.72%	0.405%
418	20.885	20.865	20.931	VV	6889	231643	9.31%	0.489%
419	20.948	20.931	20.993	VV	4903	171769	6.90%	0.362%
420	21.024	20.993	21.095	VV	4614	246736	9.91%	0.521%
421	21.138	21.095	21.201	VV	4463	238275	9.57%	0.503%
422	21.241	21.201	21.319	VV	4173	226665	9.11%	0.478%
423	21.341	21.319	21.358	VV	2639	59212	2.38%	0.125%
424	21.374	21.358	21.416	VV	2739	88251	3.55%	0.186%
425	21.474	21.416	21.516	VV	2848	150076	6.03%	0.317%
426	21.540	21.516	21.572	VV	2817	83849	3.37%	0.177%
427	21.582	21.572	21.617	VV	2205	52401	2.11%	0.111%
428	21.636	21.617	21.649	VV	1739	32249	1.30%	0.068%
429	21.679	21.649	21.722	VV	2370	90456	3.63%	0.191%
430	21.746	21.722	21.782	VV	2169	68265	2.74%	0.144%
431	21.794	21.782	21.891	VV	1768	76714	3.08%	0.162%
432	21.925	21.891	21.966	VV	1086	35480	1.43%	0.075%
433	22.004	21.966	22.066	VV	928	32897	1.32%	0.069%
434	22.087	22.066	22.097	VV	325	3665	0.15%	0.008%
435	22.105	22.097	22.117	VV	247	1499	0.06%	0.003%
436	22.181	22.117	22.201	PBA	907	25885	1.04%	0.055%
				Sum of corrected areas:		47397574		

FF102925.M Fri Nov 21 02:23:13 2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: SCIA01

ProjectID: 186 Arlington Blvd, North Arlington

Lab Code: ACE

SDG No.: Q3661

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: 186 Arlington Blvd, North Arlington
Lab Code: ACE SDG No.: Q3661
DataFile: FF016759.D Analyst Name: YP\AJ Analyst Date: 11-20-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	99090261	116577	106517	9.445

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016759.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 16:41
 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: Sample.e
 Quant Time: Nov 21 01:08:55 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...	15.050	5492378	52.571 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6230734	56.136 ug/ml
2) N-DECANE	4.566	6457385	58.360 ug/ml
3) N-DODECANE	6.745	6474338	58.282 ug/ml
4) N-TETRADECANE	8.578	6491359	58.107 ug/ml
5) N-HEXADECANE	10.187	6438179	57.301 ug/ml
6) N-OCTADECANE	11.633	6508479	55.615 ug/ml
7) N-EICOSANE	12.947	6581068	53.896 ug/ml
8) N-DOCOSANE	14.148	6316153	52.986 ug/ml
10) N-TETRACOSANE	15.255	6197268	52.302 ug/ml
11) N-HEXACOSANE	16.280	5914556	51.485 ug/ml
12) N-OCTACOSANE	17.234	5797175	50.872 ug/mlm
13) N-TRIACONTANE	18.124	5765898	51.317 ug/ml
14) N-DOTRIACONTANE	18.961	5576527	52.021 ug/ml
15) N-TETRATRIACONTANE	19.747	5281863	53.753 ug/ml
16) N-HEXATRIACONTANE	20.491	4733433	55.356 ug/ml
17) N-OCTATRIACONTANE	21.246	4324595	56.344 ug/ml
18) N-TETRACONTANE	22.190	4001251	58.628 ug/mlm

(f)=RT Delta > 1/2 Window

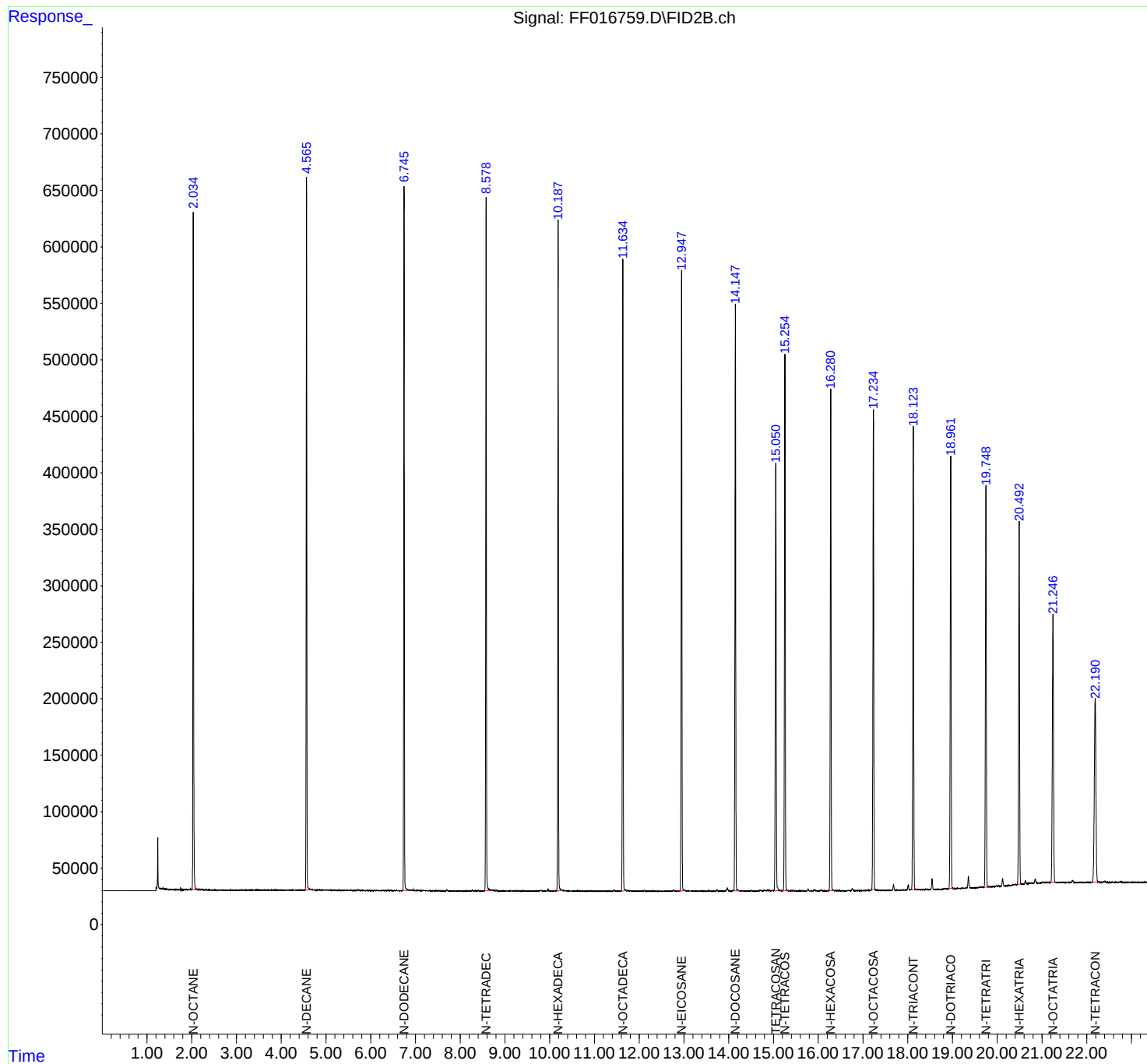
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016759.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 16:41
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: Sample.e
Quant Time: Nov 21 01:08:55 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\FF112025\
 Data File : FF016759.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 16:41
 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	2.035	2.004	2.117	BB	599719	6230734	94.68%	5.956%
2	4.566	4.532	4.672	BB	631227	6457385	98.12%	6.172%
3	6.745	6.707	6.841	BB	622317	6474338	98.38%	6.189%
4	8.578	8.542	8.694	BB	612498	6491359	98.64%	6.205%
5	10.187	10.146	10.287	BB	593500	6438179	97.83%	6.154%
6	11.633	11.591	11.714	BB	562154	6508479	98.90%	6.221%
7	12.947	12.862	13.026	BB	549340	6581068	100.00%	6.291%
8	14.148	14.111	14.241	VB	519767	6316153	95.97%	6.037%
9	15.050	15.009	15.124	BV	378317	5492378	83.46%	5.250%
10	15.255	15.192	15.337	BB	472663	6197268	94.17%	5.924%
11	16.280	16.219	16.361	BB	444775	5914556	89.87%	5.654%
12	17.234	17.194	17.281	M	425299	5798180	88.10%	5.542%
13	18.124	18.067	18.196	BB	410537	5765898	87.61%	5.511%
14	18.961	18.921	19.026	BB	381254	5576527	84.74%	5.330%
15	19.747	19.701	19.814	BB	354743	5281863	80.26%	5.049%
16	20.491	20.451	20.532	BB	320027	4733433	71.92%	4.525%
17	21.246	21.201	21.317	BB	236805	4324595	65.71%	4.134%
18	22.190	22.106	22.290	M	162929	4033722	61.29%	3.856%
Sum of corrected areas:						104616114		

FF102925.M Fri Nov 21 01:49:39 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: SCIA01
ProjectID: 186 Arlington Blvd, North Arlington
Lab Code: ACE SDG No.: Q3661
DataFile: FF016774.D Analyst Name: YP\AJ Analyst Date: 11-21-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	99553872	117122	106517	9.956

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016774.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2025 00:06
 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: Sample.e
 Quant Time: Nov 21 01:15:38 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...	15.050	5529182	52.924 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6220088	56.040 ug/ml
2) N-DECANE	4.566	6482858	58.590 ug/ml
3) N-DODECANE	6.745	6518393	58.679 ug/ml
4) N-TETRADECANE	8.578	6516201	58.330 ug/ml
5) N-HEXADECANE	10.187	6469461	57.579 ug/ml
6) N-OCTADECANE	11.633	6543073	55.910 ug/ml
7) N-EICOSANE	12.947	6619987	54.215 ug/ml
8) N-DOCOSANE	14.149	6349696	53.267 ug/ml
10) N-TETRACOSANE	15.255	6245341	52.708 ug/ml
11) N-HEXACOSANE	16.279	5963123	51.908 ug/ml
12) N-OCTACOSANE	17.233	5809210	50.978 ug/ml
13) N-TRIACONTANE	18.124	5827169	51.863 ug/ml
14) N-DOTRIACONTANE	18.960	5628535	52.507 ug/ml
15) N-TETRATRIACONTANE	19.746	5320159	54.143 ug/ml
16) N-HEXATRIACONTANE	20.489	4749506	55.544 ug/ml
17) N-OCTATRIACONTANE	21.244	4306080	56.103 ug/ml
18) N-TETRACONTANE	22.186	3984992	58.390 ug/mlm

(f)=RT Delta > 1/2 Window

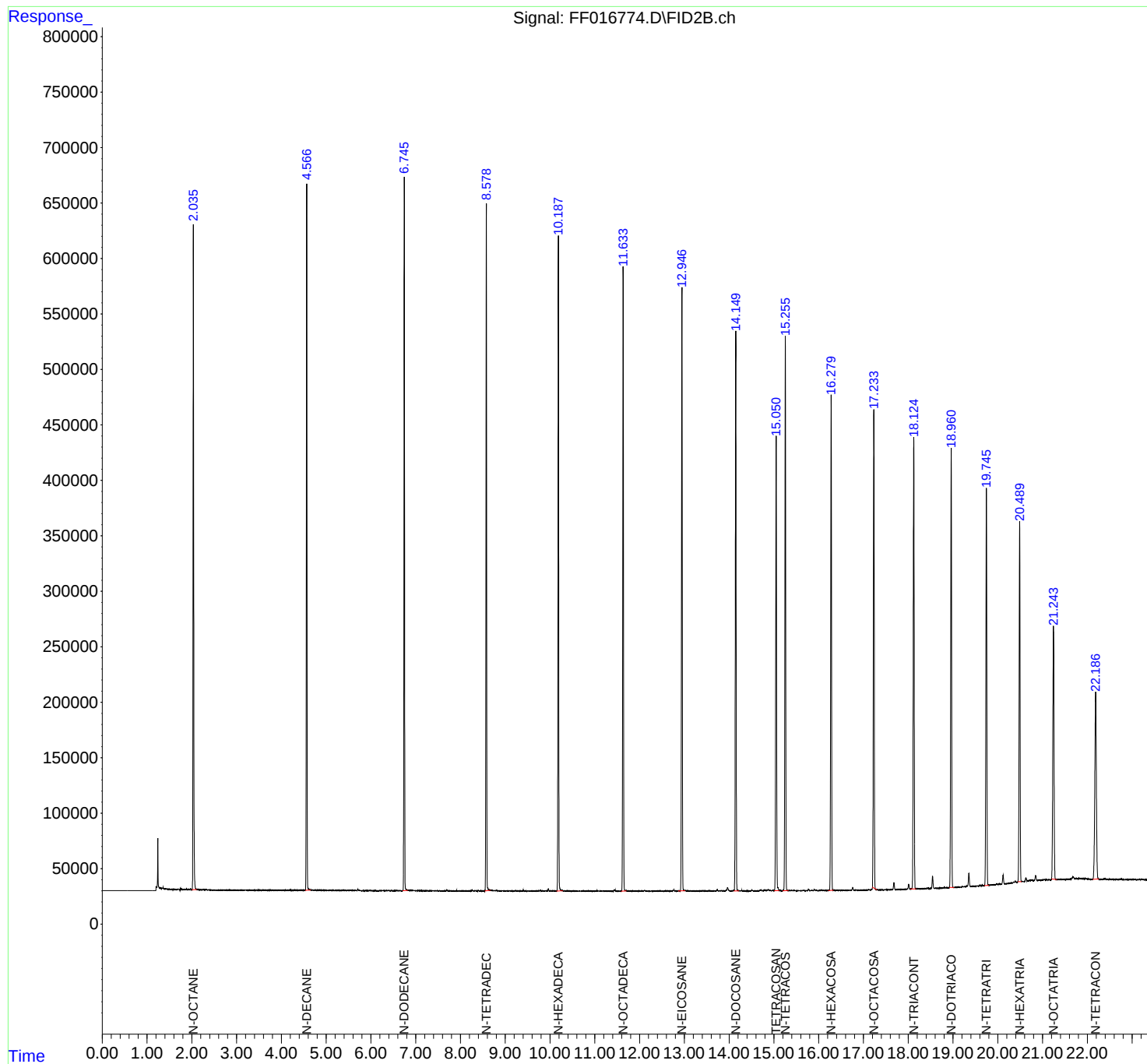
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016774.D
Signal(s) : FID2B.ch
Acq On : 21 Nov 2025 00:06
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: Sample.e
Quant Time: Nov 21 01:15:38 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\FF112025\
 Data File : FF016774.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2025 00:06
 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	2.035	2.004	2.115	BB	599208	6220088	93.96%	5.916%
2	4.566	4.530	4.655	BB	637566	6482858	97.93%	6.166%
3	6.745	6.709	6.827	BB	642985	6518393	98.47%	6.199%
4	8.578	8.542	8.672	BB	618420	6516201	98.43%	6.197%
5	10.187	10.149	10.284	BB	590878	6469461	97.73%	6.153%
6	11.633	11.595	11.707	BB	562718	6543073	98.84%	6.223%
7	12.947	12.862	13.019	BB	544587	6619987	100.00%	6.296%
8	14.149	14.112	14.220	VB	504313	6349696	95.92%	6.039%
9	15.050	15.007	15.120	BB	409002	5529182	83.52%	5.259%
10	15.255	15.192	15.325	BB	498812	6245341	94.34%	5.940%
11	16.279	16.209	16.332	BB	445897	5963123	90.08%	5.671%
12	17.233	17.190	17.269	M	432745	5865075	88.60%	5.578%
13	18.124	18.047	18.179	BB	406427	5827169	88.02%	5.542%
14	18.960	18.920	19.019	BB	397476	5628535	85.02%	5.353%
15	19.746	19.700	19.807	BB	357398	5320159	80.37%	5.060%
16	20.489	20.450	20.529	BB	324980	4749506	71.74%	4.517%
17	21.244	21.200	21.315	BB	228006	4306080	65.05%	4.095%
18	22.186	22.130	22.275	M	169016	3993341	60.32%	3.798%
Sum of corrected areas:						105147266		

FF102925.M Fri Nov 21 01:54:46 2025

Analytical Sequence

Client: Sciacca General Contractors, LLC

SDG No.: Q3661

Project: 186 Arlington Blvd, North Arlington

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	20 Nov 2025 16:12	FF016758.D	15.048	
50 PPM TRPH STD	50 PPM TRPH STD	20 Nov 2025 16:41	FF016759.D	15.050	
PB170659BL	PB170659BL	20 Nov 2025 17:45	FF016761.D	15.050	
PB170659BS	PB170659BS	20 Nov 2025 18:14	FF016762.D	15.048	
WASTE	Q3661-01	20 Nov 2025 20:12	FF016766.D	15.047	
WASTEMS	Q3661-01MS	20 Nov 2025 20:41	FF016767.D	15.048	
WASTEMSD	Q3661-01MSD	20 Nov 2025 21:10	FF016768.D	15.047	
PIBLK02	LBLK02	20 Nov 2025 23:37	FF016773.D	15.047	
50 PPM TRPH STD	50 PPM TRPH STD	21 Nov 2025 00:06	FF016774.D	15.050	



QC SAMPLE DATA

Report of Analysis

Client: Sciacca General Contractors, LLC
Project: 186 Arlington Blvd, North Arlington
Client Sample ID: PB170659BL
Lab Sample ID: PB170659BL
Analytical Method: 8015D TPH
Sample Wt/Vol: 30.01 g Final Vol: 1 mL
Prep Method: SW3541 Prep Date: 11/20/25

Date Collected:
Date Received:
SDG No.: Q3661
Matrix: SOIL
% Solid: 100
Test: TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	384	U	1	384	2830	ug/kg	11/20/25 17:45	PB170659
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\FF112025\
Data File : FF016761.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 17:45
Operator : YP\AJ
Sample : PB170659BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170659BL

Integration File: Sample.e
Quant Time: Nov 21 01:09:47 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...	15.050	1691759	16.193 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

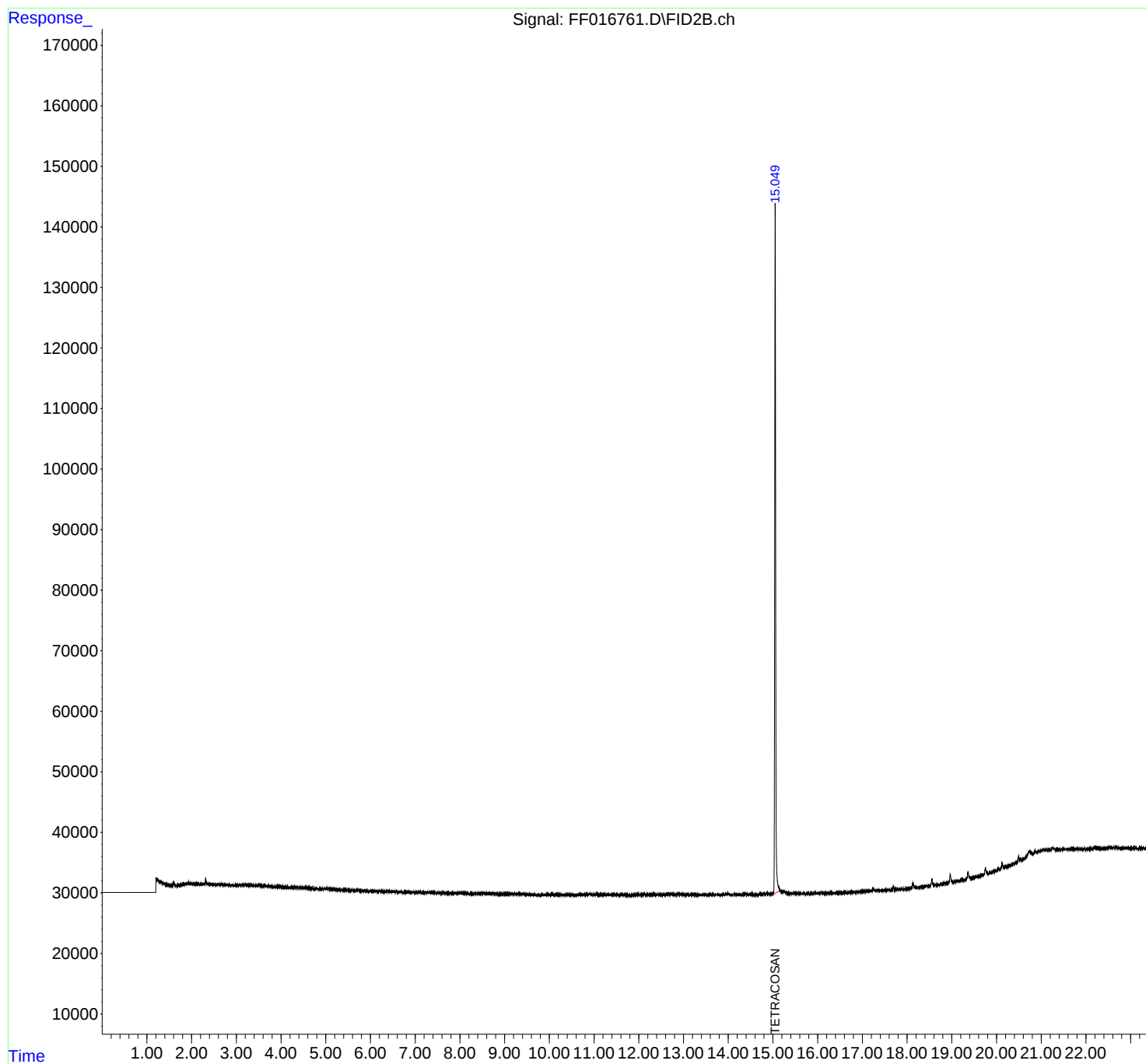
(m)=manual int.

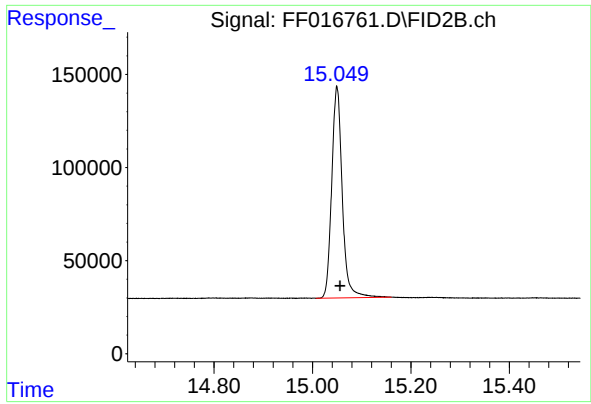
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016761.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 17:45
Operator : YP\AJ
Sample : PB170659BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170659BL

Integration File: Sample.e
Quant Time: Nov 21 01:09:47 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.: 15.050 min
Delta R.T.: -0.006 min
Response: 1691759
Conc: 16.19 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170659BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016761.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 17:45
Sample : PB170659BL
Misc :
ALS Vial : 71 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	15.050	15.007	15.161	BB	113816	1691759	100.00%	100.000%
Sum of corrected areas:						1691759		

FF102925.M Fri Nov 21 01:50:12 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	11/20/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/20/25
Client Sample ID:	PIBLK-FF016758.D	SDG No.:	Q3661
Lab Sample ID:	I.BLK-FF016758.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	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	11/20/25	FF112025
SURROGATES									
16416-32-3	TETRACOSANE-d50	21.1			29 - 130	106%	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\FF112025\
Data File : FF016758.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 16:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Nov 21 01:08:32 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...	15.048	2208643	21.140 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

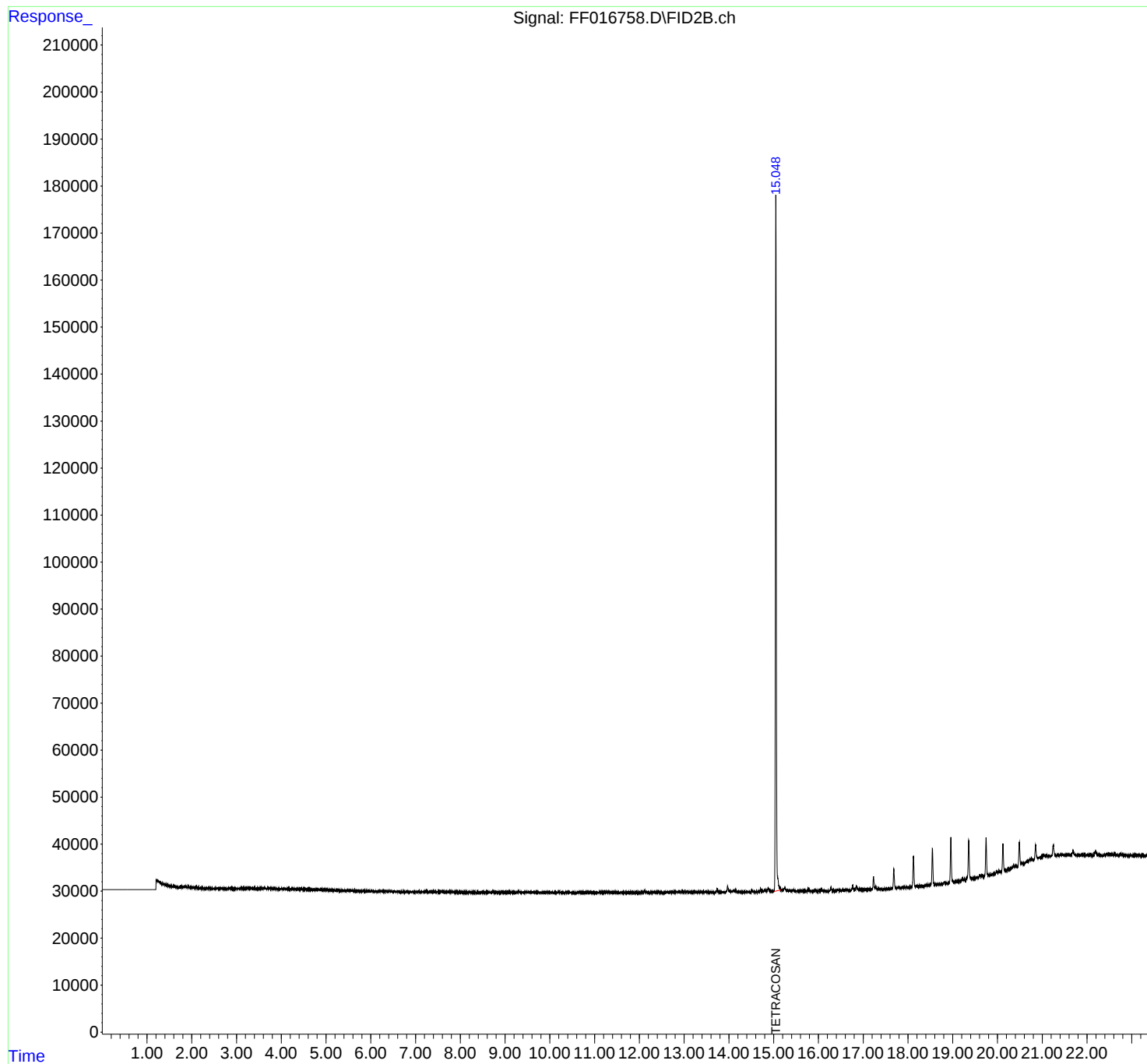
(m)=manual int.

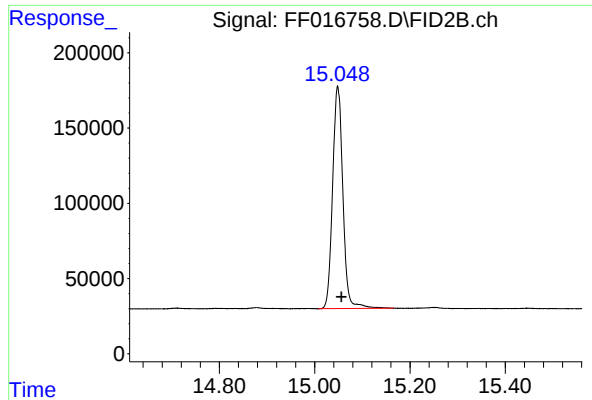
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016758.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 16:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Nov 21 01:08:32 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.: 15.048 min
Delta R.T.: -0.008 min
Response: 2208643
Conc: 21.14 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016758.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 16:12
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	15.048	15.007	15.166	BB	147593	2208643	100.00%	100.000%
Sum of corrected areas:						2208643		

FF102925.M Fri Nov 21 01:49:05 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/20/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/20/25
Client Sample ID:	PIBLK-FF016773.D	SDG No.:	Q3661
Lab Sample ID:	I.BLK-FF016773.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	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	11/20/25	FF112025
SURROGATES									
16416-32-3	TETRACOSANE-d50	21.6			29 - 130	108%	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\FF112025\
Data File : FF016773.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 23:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Nov 21 01:15:17 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...	15.047	2252719	21.562 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

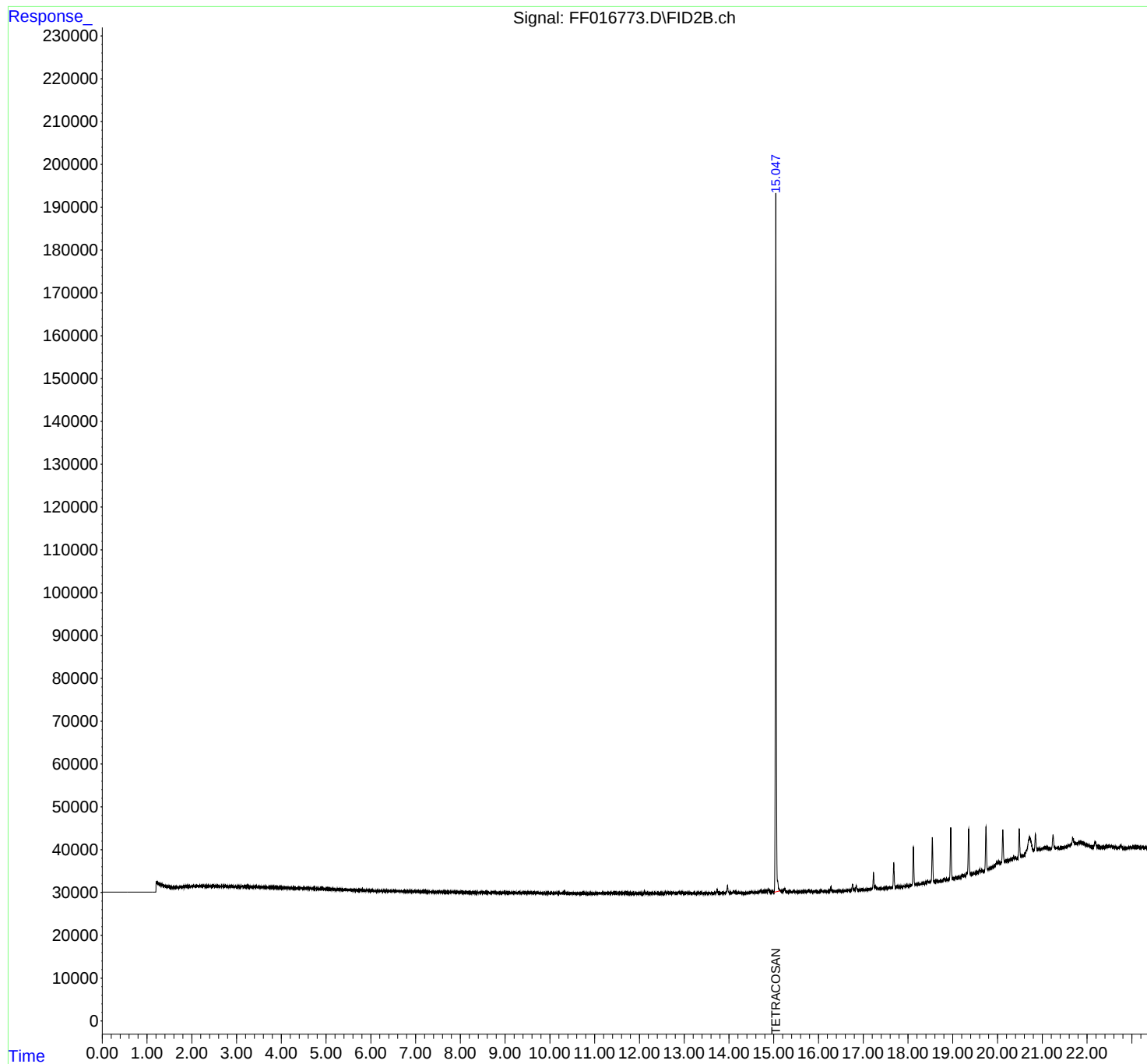
(m)=manual int.

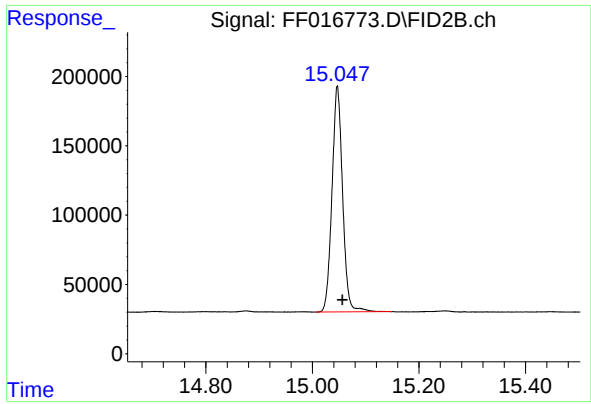
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016773.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 23:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Nov 21 01:15:17 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.: 15.047 min
Delta R.T.: -0.009 min
Response: 2252719
Conc: 21.56 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016773.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 23:37
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	15.047	15.007	15.149	BB	163210	2252719	100.00%	100.000%
Sum of corrected areas:						2252719		

FF102925.M Fri Nov 21 01:54:13 2025

Report of Analysis

Client: Sciacca General Contractors, LLC
 Project: 186 Arlington Blvd, North Arlington
 Client Sample ID: PB170659BS
 Lab Sample ID: PB170659BS
 Analytical Method: 8015D TPH
 Sample Wt/Vol: 30.03 g Final Vol: 1 mL
 Prep Method: SW3541 Prep Date: 11/20/25

Date Collected:
 Date Received:
 SDG No.: Q3661
 Matrix: SOIL
 % Solid: 100
 Test: TPH GC

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	9110		1	384	2830	ug/kg	11/20/25 18:14	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	17.4			37 - 130	87%	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\FF112025\
 Data File : FF016762.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 18:14
 Operator : YP\AJ
 Sample : PB170659BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170659BS

Integration File: Sample.e
 Quant Time: Nov 21 01:10:06 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...	15.048	1818889	17.410 ug/ml
Target Compounds			
1) N-OCTANE	2.036	1491531	13.438 ug/ml
2) N-DECANE	4.564	1864681	16.852 ug/ml
3) N-DODECANE	6.743	1900887	17.112 ug/ml
4) N-TETRADECANE	8.576	1911332	17.109 ug/ml
5) N-HEXADECANE	10.185	1974751	17.576 ug/ml
6) N-OCTADECANE	11.631	2026203	17.314 ug/ml
7) N-EICOSANE	12.944	2058880	16.861 ug/ml
8) N-DOCOSANE	14.146	2055789	17.246 ug/ml
10) N-TETRACOSANE	15.252	2004449	16.917 ug/ml
11) N-HEXACOSANE	16.277	1956708	17.033 ug/ml
12) N-OCTACOSANE	17.229	1908055	16.744 ug/mlm
13) N-TRIACONTANE	18.122	1831741	16.303 ug/ml
14) N-DOTRIACONTANE	18.958	1813593	16.918 ug/ml
15) N-TETRATRIACONTANE	19.744	1545757	15.731 ug/ml
16) N-HEXATRIACONTANE	20.487	1246644	14.579 ug/ml
17) N-OCTATRIACONTANE	21.244	927304	12.082 ug/ml
18) N-TETRACONTANE	22.185	697972	10.227 ug/mlm

(f)=RT Delta > 1/2 Window

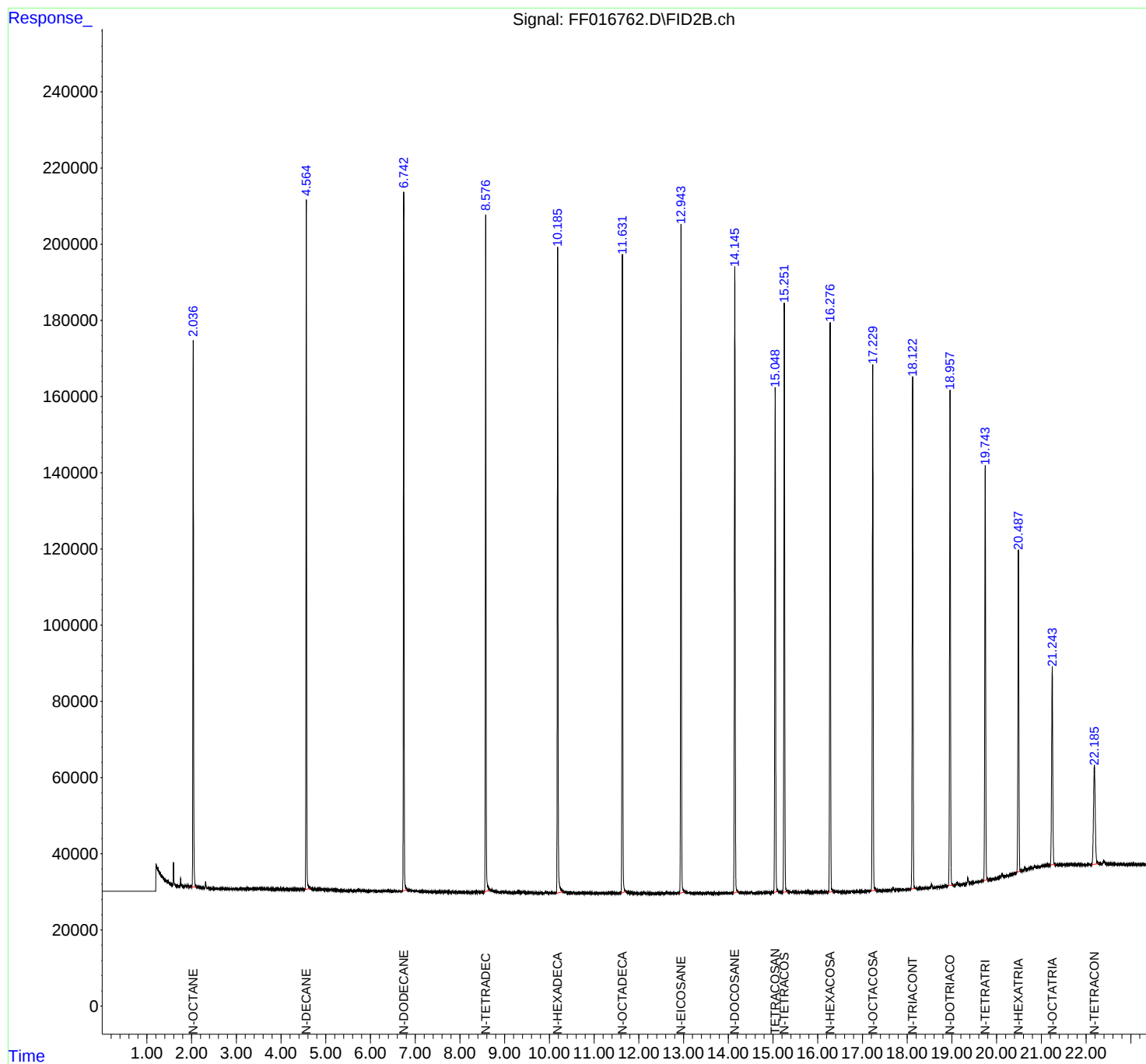
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016762.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 18:14
Operator : YP\AJ
Sample : PB170659BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170659BS

Integration File: Sample.e
Quant Time: Nov 21 01:10:06 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\FF112025\
Data File : FF016762.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 18:14
Sample : PB170659BS
Misc :
ALS Vial : 72 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	2.036	1.991	2.116	BB	143351	1491531	72.44%	4.817%
2	4.564	4.529	4.651	BB	180828	1864681	90.57%	6.023%
3	6.743	6.704	6.822	BB	183235	1900887	92.33%	6.139%
4	8.576	8.527	8.669	BB	177704	1911332	92.83%	6.173%
5	10.185	10.151	10.307	BB	169726	1974751	95.91%	6.378%
6	11.631	11.599	11.711	BB	167003	2026203	98.41%	6.544%
7	12.944	12.907	13.029	BB	174729	2058880	100.00%	6.650%
8	14.146	14.106	14.219	BB	163902	2055789	99.85%	6.640%
9	15.048	15.009	15.112	BB	131734	1818889	88.34%	5.875%
10	15.252	15.216	15.327	BB	154500	2004449	97.36%	6.474%
11	16.277	16.237	16.346	BB	149139	1956708	95.04%	6.320%
12	17.230	17.201	17.304	BB	137068	1880959	91.36%	6.075%
13	18.122	18.082	18.187	BB	134339	1831741	88.97%	5.916%
14	18.958	18.921	19.031	BB	129764	1813593	88.09%	5.858%
15	19.744	19.701	19.804	BB	108733	1545757	75.08%	4.992%
16	20.487	20.451	20.534	BB	84401	1246644	60.55%	4.026%
17	21.244	21.201	21.304	BB	52057	927304	45.04%	2.995%
18	22.185	22.141	22.280	BBA	25247	651558	31.65%	2.104%
Sum of corrected areas:							30961654	

FF102925.M Fri Nov 21 01:50:27 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	WASTEMS	SDG No.:	Q3661
Lab Sample ID:	Q3661-01MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	80.7
Sample Wt/Vol:	30.07 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:		11/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	29900		1	475	3500	ug/kg	11/20/25 20:41	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	12.1			37 - 130	60%	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\FF112025\
 Data File : FF016767.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 20:41
 Operator : YP\AJ
 Sample : Q3661-01MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Integration File: Sample.e
 Quant Time: Nov 21 01:12:33 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...	15.048	1261256	12.072 ug/ml
Target Compounds			
1) N-OCTANE	2.037	1583526	14.267 ug/ml
2) N-DECANE	4.565	1791139	16.188 ug/ml
3) N-DODECANE	6.742	1824748	16.426 ug/ml
4) N-TETRADECANE	8.575	1813421	16.233 ug/ml
5) N-HEXADECANE	10.184	1855772	16.517 ug/ml
6) N-OCTADECANE	11.631	1961589	16.762 ug/ml
7) N-EICOSANE	12.943	1840341	15.072 ug/ml
8) N-DOCOSANE	14.145	1852342	15.539 ug/ml
10) N-TETRACOSANE	15.252	1946952	16.431 ug/ml
11) N-HEXACOSANE	16.277	1841871	16.033 ug/ml
12) N-OCTACOSANE	17.230	1733580	15.213 ug/ml
13) N-TRIACONTANE	18.121	1785860	15.894 ug/ml
14) N-DOTRIACONTANE	18.956	1899855	17.723 ug/ml
15) N-TETRATRIACONTANE	19.744	1828109	18.604 ug/ml
16) N-HEXATRIACONTANE	20.486	1752909	20.500 ug/ml
17) N-OCTATRIACONTANE	21.239	1779224	23.181 ug/mlm
18) N-TETRACONTANE	22.183	1795393	26.307 ug/mlm

(f)=RT Delta > 1/2 Window

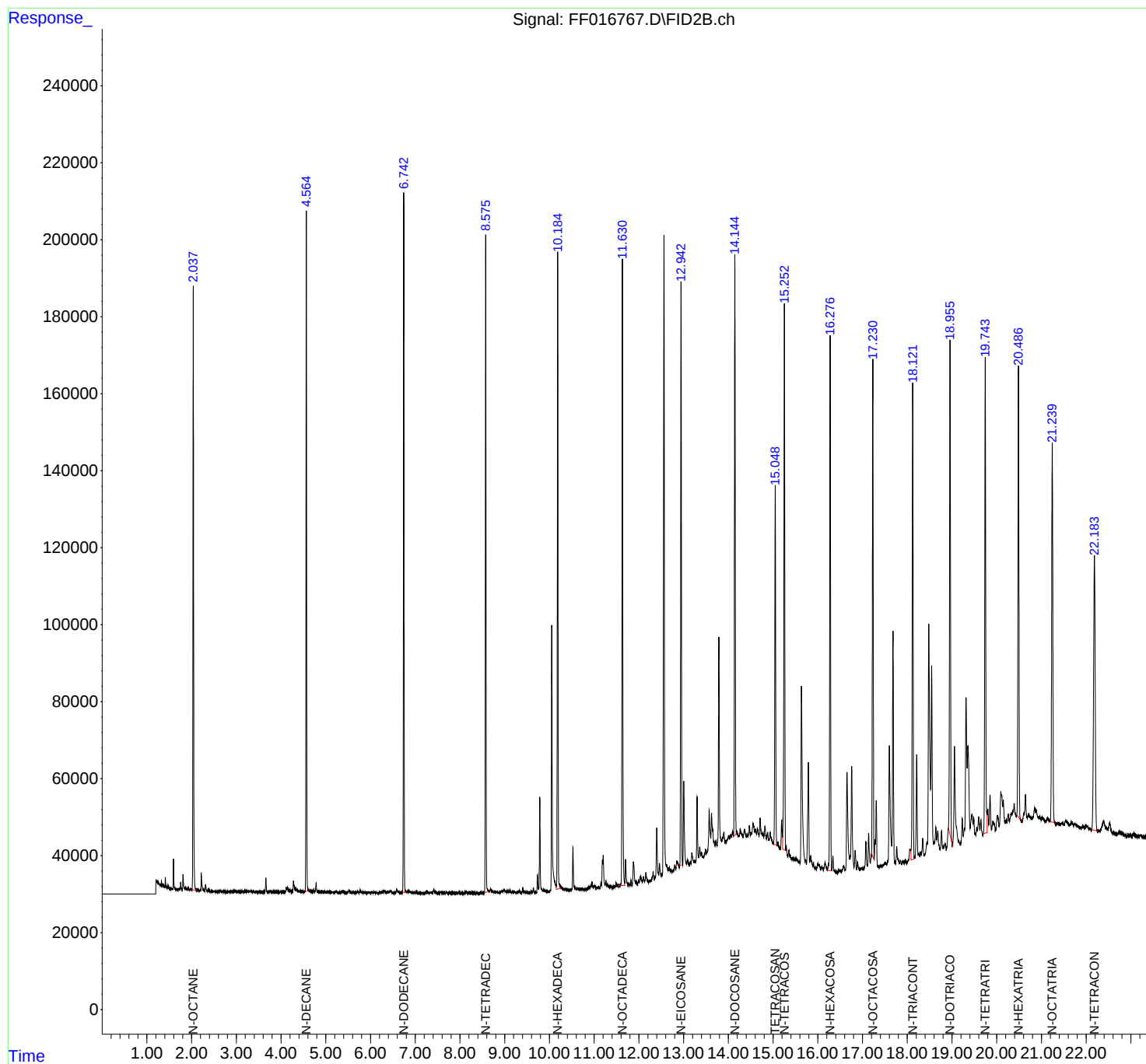
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016767.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 20:41
Operator : YP\AJ
Sample : Q3661-01MS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTEMS

Integration File: Sample.e
Quant Time: Nov 21 01:12:33 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\FF112025\
Data File : FF016767.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 20:41
Sample : Q3661-01MS
Misc :
ALS Vial : 77 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	1.918	1.900	1.958	BV	535	7483	0.31%	0.010%
2	1.972	1.958	2.000	PV	462	5870	0.24%	0.007%
3	2.037	2.000	2.123	PV	156906	1594194	66.27%	2.031%
4	2.129	2.123	2.153	VV	328	2247	0.09%	0.003%
5	2.160	2.153	2.163	VV	116	573	0.02%	0.001%
6	2.167	2.163	2.183	VV	129	922	0.04%	0.001%
7	2.196	2.183	2.206	PV	247	1821	0.08%	0.002%
8	2.217	2.206	2.291	VV	4589	60662	2.52%	0.077%
9	2.312	2.291	2.352	VV	1768	23707	0.99%	0.030%
10	2.372	2.352	2.429	VV	602	10823	0.45%	0.014%
11	2.439	2.429	2.480	VV	137	2976	0.12%	0.004%
12	2.482	2.480	2.496	VV	149	831	0.03%	0.001%
13	2.500	2.496	2.540	VV	166	2021	0.08%	0.003%
14	2.555	2.540	2.568	PV	182	1355	0.06%	0.002%
15	2.575	2.568	2.591	VV	137	787	0.03%	0.001%
16	2.598	2.591	2.605	VV	92	577	0.02%	0.001%
17	2.641	2.605	2.668	VV	243	4397	0.18%	0.006%
18	2.677	2.668	2.700	VV	183	2258	0.09%	0.003%
19	2.723	2.700	2.728	VV	166	1737	0.07%	0.002%
20	2.731	2.728	2.754	VV	194	1817	0.08%	0.002%
21	2.761	2.754	2.776	PV	168	1257	0.05%	0.002%
22	2.782	2.776	2.793	VV	151	1112	0.05%	0.001%
23	2.798	2.793	2.829	VV	193	1872	0.08%	0.002%
24	2.850	2.829	2.866	VV	169	2315	0.10%	0.003%
25	2.885	2.866	2.900	VV	233	2806	0.12%	0.004%
26	2.916	2.900	2.930	VV	272	3574	0.15%	0.005%
27	2.934	2.930	2.975	VV	274	5770	0.24%	0.007%
28	2.990	2.975	3.014	VV	308	5074	0.21%	0.006%
29	3.020	3.014	3.035	VV	232	2235	0.09%	0.003%
30	3.042	3.035	3.049	VV	272	1736	0.07%	0.002%
31	3.052	3.049	3.056	VV	258	799	0.03%	0.001%
32	3.060	3.056	3.079	VV	156	1924	0.08%	0.002%
33	3.083	3.079	3.099	VV	272	2636	0.11%	0.003%
34	3.102	3.099	3.111	VV	232	1469	0.06%	0.002%
35	3.116	3.111	3.127	VV	212	1679	0.07%	0.002%
36	3.131	3.127	3.145	VV	147	1760	0.07%	0.002%

					rteres			
37	3.172	3.145	3.178	VV	259	3642	0.15%	0.005%
38	3.189	3.178	3.194	VV	270	2038	0.08%	0.003%
39	3.206	3.194	3.253	VV	422	9703	0.40%	0.012%
40	3.255	3.253	3.259	VV	226	797	0.03%	0.001%
41	3.273	3.259	3.284	VV	252	3024	0.13%	0.004%
42	3.288	3.284	3.294	VV	236	1209	0.05%	0.002%
43	3.306	3.294	3.327	VV	319	4761	0.20%	0.006%
44	3.345	3.327	3.361	VV	272	4731	0.20%	0.006%
45	3.366	3.361	3.400	VV	233	4099	0.17%	0.005%
46	3.402	3.400	3.410	VV	198	1038	0.04%	0.001%
47	3.413	3.410	3.460	VV	201	4798	0.20%	0.006%
48	3.477	3.460	3.494	VV	193	3023	0.13%	0.004%
49	3.503	3.494	3.509	VV	180	1452	0.06%	0.002%
50	3.512	3.509	3.532	VV	241	2431	0.10%	0.003%
51	3.540	3.532	3.558	VV	235	2135	0.09%	0.003%
52	3.563	3.558	3.577	VV	165	1564	0.07%	0.002%
53	3.591	3.577	3.615	VV	202	2773	0.12%	0.004%
54	3.660	3.615	3.685	VV	3777	44740	1.86%	0.057%
55	3.688	3.685	3.698	VV	259	1335	0.06%	0.002%
56	3.701	3.698	3.715	VV	191	1787	0.07%	0.002%
57	3.719	3.715	3.724	VV	193	850	0.04%	0.001%
58	3.729	3.724	3.733	VV	226	1046	0.04%	0.001%
59	3.736	3.733	3.741	VV	214	856	0.04%	0.001%
60	3.745	3.741	3.750	VV	265	981	0.04%	0.001%
61	3.760	3.750	3.773	VV	266	2872	0.12%	0.004%
62	3.774	3.773	3.789	VV	144	1417	0.06%	0.002%
63	3.794	3.789	3.810	VV	212	1871	0.08%	0.002%
64	3.824	3.810	3.864	VV	233	5907	0.25%	0.008%
65	3.871	3.864	3.892	VV	217	2948	0.12%	0.004%
66	3.900	3.892	3.919	VV	218	2534	0.11%	0.003%
67	3.940	3.919	3.961	VV	291	4850	0.20%	0.006%
68	3.965	3.961	3.975	VV	210	1157	0.05%	0.001%
69	3.993	3.975	4.004	VV	220	2639	0.11%	0.003%
70	4.008	4.004	4.015	VV	214	1090	0.05%	0.001%
71	4.030	4.015	4.050	VV	193	2591	0.11%	0.003%
72	4.055	4.050	4.061	VV	171	741	0.03%	0.001%
73	4.070	4.061	4.076	VV	203	1033	0.04%	0.001%
74	4.084	4.076	4.089	VV	174	1049	0.04%	0.001%
75	4.116	4.089	4.132	VV	1365	20363	0.85%	0.026%
76	4.142	4.132	4.181	VV	1185	24576	1.02%	0.031%
77	4.189	4.181	4.238	VV	518	14435	0.60%	0.018%
78	4.241	4.238	4.262	VV	306	3913	0.16%	0.005%
79	4.277	4.262	4.320	VV	3057	53379	2.22%	0.068%
80	4.328	4.320	4.369	VV	992	21819	0.91%	0.028%
81	4.373	4.369	4.415	VV	576	11781	0.49%	0.015%
82	4.419	4.415	4.426	VV	387	2064	0.09%	0.003%
83	4.449	4.426	4.459	VV	435	7367	0.31%	0.009%
84	4.461	4.459	4.466	VV	422	1446	0.06%	0.002%
85	4.468	4.466	4.479	VV	330	2528	0.11%	0.003%
86	4.483	4.479	4.498	VV	364	3251	0.14%	0.004%
87	4.501	4.498	4.517	VV	311	3017	0.13%	0.004%
88	4.528	4.517	4.536	VV	320	3418	0.14%	0.004%
89	4.565	4.536	4.636	VV	177044	1817194	75.54%	2.315%

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90	4.642	4.636	4.705	VV	617	17483	0.73%	0.022%
91	4.732	4.705	4.759	VV	786	14956	0.62%	0.019%
92	4.784	4.759	4.810	VV	2610	33302	1.38%	0.042%
93	4.816	4.810	4.832	VV	306	3605	0.15%	0.005%
94	4.844	4.832	4.870	VV	335	5841	0.24%	0.007%
95	4.877	4.870	4.901	VV	317	4308	0.18%	0.005%
96	4.910	4.901	4.922	VV	263	2928	0.12%	0.004%
97	4.925	4.922	4.941	VV	236	2398	0.10%	0.003%
98	4.948	4.941	4.972	VV	239	3641	0.15%	0.005%
99	4.984	4.972	5.001	VV	297	3863	0.16%	0.005%
100	5.006	5.001	5.021	VV	275	2519	0.10%	0.003%
101	5.059	5.021	5.069	VV	571	8460	0.35%	0.011%
102	5.073	5.069	5.098	VV	343	4897	0.20%	0.006%
103	5.101	5.098	5.138	VV	282	5398	0.22%	0.007%
104	5.143	5.138	5.153	VV	221	1725	0.07%	0.002%
105	5.159	5.153	5.164	VV	232	1277	0.05%	0.002%
106	5.170	5.164	5.193	VV	184	2428	0.10%	0.003%
107	5.222	5.193	5.262	VV	519	9785	0.41%	0.012%
108	5.283	5.262	5.307	VV	255	5271	0.22%	0.007%
109	5.310	5.307	5.329	VV	255	2729	0.11%	0.003%
110	5.333	5.329	5.340	VV	224	1112	0.05%	0.001%
111	5.344	5.340	5.350	VV	219	1019	0.04%	0.001%
112	5.369	5.350	5.385	VV	512	6607	0.27%	0.008%
113	5.390	5.385	5.412	VV	358	4166	0.17%	0.005%
114	5.417	5.412	5.434	VV	203	2227	0.09%	0.003%
115	5.450	5.434	5.467	VV	202	2809	0.12%	0.004%
116	5.516	5.478	5.539	VV	868	14006	0.58%	0.018%
117	5.547	5.539	5.580	VV	374	5210	0.22%	0.007%
118	5.582	5.580	5.590	VV	139	694	0.03%	0.001%
119	5.594	5.590	5.599	VV	152	504	0.02%	0.001%
120	5.602	5.599	5.625	VV	118	1354	0.06%	0.002%
121	5.631	5.625	5.645	VV	128	1153	0.05%	0.001%
122	5.648	5.645	5.659	VV	88	653	0.03%	0.001%
123	5.663	5.659	5.679	VV	124	662	0.03%	0.001%
124	5.708	5.679	5.737	PV	477	7120	0.30%	0.009%
125	5.769	5.737	5.801	VV	891	15375	0.64%	0.020%
126	5.823	5.801	5.851	VV	372	7867	0.33%	0.010%
127	5.854	5.851	5.873	VV	220	2463	0.10%	0.003%
128	5.875	5.873	5.918	VV	235	4141	0.17%	0.005%
129	5.922	5.918	5.936	VV	123	728	0.03%	0.001%
130	5.955	5.936	5.999	VV	346	6369	0.26%	0.008%
131	6.007	5.999	6.013	VV	167	961	0.04%	0.001%
132	6.021	6.013	6.025	VV	198	1174	0.05%	0.001%
133	6.031	6.025	6.061	VV	278	2258	0.09%	0.003%
134	6.082	6.061	6.106	PV	272	3646	0.15%	0.005%
135	6.110	6.106	6.126	VV	113	500	0.02%	0.001%
136	6.172	6.126	6.182	VV	142	2578	0.11%	0.003%
137	6.188	6.182	6.212	VV	150	1645	0.07%	0.002%
138	6.221	6.212	6.248	VV	248	3680	0.15%	0.005%
139	6.253	6.248	6.259	VV	201	1061	0.04%	0.001%
140	6.278	6.259	6.284	VV	471	4712	0.20%	0.006%
141	6.296	6.284	6.331	VV	682	14067	0.58%	0.018%

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142	6.337	6.331	6.353	VV	333	3869	0.16%	0.005%
143	6.361	6.353	6.374	VV	331	3595	0.15%	0.005%
144	6.387	6.374	6.412	VV	472	6878	0.29%	0.009%
145	6.429	6.412	6.441	VV	517	6881	0.29%	0.009%
146	6.459	6.441	6.484	VV	776	11163	0.46%	0.014%
147	6.489	6.484	6.507	VV	133	1792	0.07%	0.002%
148	6.514	6.507	6.520	VV	140	850	0.04%	0.001%
149	6.536	6.520	6.559	VV	266	3814	0.16%	0.005%
150	6.584	6.559	6.616	VV	1085	20077	0.83%	0.026%
151	6.625	6.616	6.646	VV	487	6032	0.25%	0.008%
152	6.657	6.646	6.667	VV	163	1749	0.07%	0.002%
153	6.673	6.667	6.678	VV	218	991	0.04%	0.001%
154	6.697	6.678	6.714	VV	247	4022	0.17%	0.005%
155	6.742	6.714	6.816	VV	181664	1842478	76.59%	2.347%
156	6.835	6.816	6.866	VV	632	14912	0.62%	0.019%
157	6.873	6.866	6.942	VV	438	14594	0.61%	0.019%
158	6.955	6.942	6.988	VV	342	7120	0.30%	0.009%
159	7.003	6.988	7.008	VV	359	3155	0.13%	0.004%
160	7.012	7.008	7.043	VV	364	5162	0.21%	0.007%
161	7.049	7.043	7.055	VV	192	996	0.04%	0.001%
162	7.060	7.055	7.063	VV	204	682	0.03%	0.001%
163	7.066	7.063	7.091	VV	217	2162	0.09%	0.003%
164	7.095	7.091	7.117	VV	163	1985	0.08%	0.003%
165	7.124	7.117	7.136	VV	116	1097	0.05%	0.001%
166	7.144	7.136	7.149	VV	165	917	0.04%	0.001%
167	7.153	7.149	7.169	VV	149	1052	0.04%	0.001%
168	7.192	7.169	7.214	PV	127	1780	0.07%	0.002%
169	7.248	7.214	7.284	VV	422	10649	0.44%	0.014%
170	7.290	7.284	7.317	VV	298	4555	0.19%	0.006%
171	7.321	7.317	7.341	VV	273	3148	0.13%	0.004%
172	7.351	7.341	7.356	VV	263	2044	0.08%	0.003%
173	7.363	7.356	7.367	VV	297	1696	0.07%	0.002%
174	7.376	7.367	7.387	VV	326	3608	0.15%	0.005%
175	7.414	7.387	7.451	VV	1147	22725	0.94%	0.029%
176	7.462	7.451	7.505	VV	435	7542	0.31%	0.010%
177	7.524	7.505	7.545	VV	255	4060	0.17%	0.005%
178	7.566	7.545	7.628	VV	435	10619	0.44%	0.014%
179	7.639	7.628	7.657	VV	204	2425	0.10%	0.003%
180	7.662	7.657	7.667	VV	139	783	0.03%	0.001%
181	7.670	7.667	7.677	VV	166	708	0.03%	0.001%
182	7.695	7.677	7.726	VV	484	6328	0.26%	0.008%
183	7.733	7.726	7.742	VV	41	342	0.01%	0.000%
184	7.764	7.742	7.806	PV	158	3707	0.15%	0.005%
185	7.818	7.806	7.845	VV	231	3608	0.15%	0.005%
186	7.851	7.845	7.864	VV	179	1560	0.06%	0.002%
187	7.869	7.864	7.889	VV	143	1335	0.06%	0.002%
188	7.906	7.889	7.921	VV	145	1321	0.05%	0.002%
189	7.942	7.921	7.949	VV	138	1511	0.06%	0.002%
190	7.954	7.949	7.959	VV	152	669	0.03%	0.001%
191	7.981	7.959	8.022	VV	336	6588	0.27%	0.008%
192	8.027	8.022	8.034	VV	119	684	0.03%	0.001%
193	8.041	8.034	8.046	VV	183	826	0.03%	0.001%
194	8.050	8.046	8.076	VV	103	942	0.04%	0.001%

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195	8.079	8.076	8.089	PV	105	271	0.01%	0.000%
196	8.100	8.089	8.103	VV	143	610	0.03%	0.001%
197	8.128	8.103	8.137	VV	400	6140	0.26%	0.008%
198	8.146	8.137	8.172	VV	407	5802	0.24%	0.007%
199	8.184	8.172	8.214	VV	223	4064	0.17%	0.005%
200	8.218	8.214	8.251	VV	248	2520	0.10%	0.003%
201	8.268	8.251	8.294	VV	305	4339	0.18%	0.006%
202	8.305	8.294	8.321	VV	328	2958	0.12%	0.004%
203	8.325	8.321	8.376	VV	184	2964	0.12%	0.004%
204	8.393	8.376	8.422	PV	176	2252	0.09%	0.003%
205	8.446	8.422	8.450	VV	89	1129	0.05%	0.001%
206	8.475	8.450	8.495	VV	292	4552	0.19%	0.006%
207	8.508	8.495	8.526	VV	196	2332	0.10%	0.003%
208	8.575	8.526	8.658	VV	171105	1838805	76.44%	2.343%
209	8.664	8.658	8.667	VV	576	2863	0.12%	0.004%
210	8.686	8.667	8.707	VV	1138	18867	0.78%	0.024%
211	8.723	8.707	8.762	VV	569	14614	0.61%	0.019%
212	8.781	8.762	8.798	VV	409	7530	0.31%	0.010%
213	8.813	8.798	8.833	VV	517	7373	0.31%	0.009%
214	8.839	8.833	8.859	VV	312	3718	0.15%	0.005%
215	8.863	8.859	8.874	VV	257	1899	0.08%	0.002%
216	8.879	8.874	8.891	VV	241	1726	0.07%	0.002%
217	8.934	8.891	8.967	VV	724	20519	0.85%	0.026%
218	8.983	8.967	9.039	VV	1052	25769	1.07%	0.033%
219	9.058	9.039	9.061	VV	605	6629	0.28%	0.008%
220	9.069	9.061	9.094	VV	589	9233	0.38%	0.012%
221	9.115	9.094	9.154	VV	667	14781	0.61%	0.019%
222	9.175	9.154	9.184	VV	466	6442	0.27%	0.008%
223	9.189	9.184	9.253	VV	468	11646	0.48%	0.015%
224	9.273	9.253	9.284	VV	325	4387	0.18%	0.006%
225	9.324	9.284	9.342	VV	628	13211	0.55%	0.017%
226	9.344	9.342	9.377	VV	288	2489	0.10%	0.003%
227	9.403	9.377	9.424	VV	1452	19328	0.80%	0.025%
228	9.429	9.424	9.486	VV	444	10084	0.42%	0.013%
229	9.496	9.486	9.510	VV	213	1687	0.07%	0.002%
230	9.518	9.510	9.533	PV	70	610	0.03%	0.001%
231	9.546	9.533	9.575	VV	140	1586	0.07%	0.002%
232	9.593	9.575	9.621	VV	293	4805	0.20%	0.006%
233	9.642	9.621	9.665	VV	1281	15175	0.63%	0.019%
234	9.679	9.665	9.709	VV	160	2139	0.09%	0.003%
235	9.732	9.709	9.759	PV	4596	58133	2.42%	0.074%
236	9.785	9.759	9.857	VV	24793	299547	12.45%	0.382%
237	9.875	9.857	9.891	VV	701	10269	0.43%	0.013%
238	9.907	9.891	9.927	VV	467	7553	0.31%	0.010%
239	9.934	9.927	9.949	VV	291	2842	0.12%	0.004%
240	9.958	9.949	9.985	VV	281	3670	0.15%	0.005%
241	10.016	9.985	10.026	PV	459	5541	0.23%	0.007%
242	10.051	10.026	10.153	VV	69323	952826	39.61%	1.214%
243	10.184	10.153	10.276	VV	166238	1910774	79.43%	2.434%
244	10.288	10.276	10.311	VV	1027	17572	0.73%	0.022%
245	10.315	10.311	10.323	VV	637	4091	0.17%	0.005%
246	10.326	10.323	10.341	VV	499	4958	0.21%	0.006%

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247	10.354	10.341	10.402	VV	511	13200	0.55%	0.017%
248	10.411	10.402	10.416	VV	233	1809	0.08%	0.002%
249	10.462	10.416	10.473	VV	242	6975	0.29%	0.009%
250	10.525	10.473	10.593	VV	11292	158086	6.57%	0.201%
251	10.618	10.593	10.646	VV	564	12541	0.52%	0.016%
252	10.667	10.646	10.691	VV	428	7135	0.30%	0.009%
253	10.705	10.691	10.721	VV	373	4878	0.20%	0.006%
254	10.726	10.721	10.734	VV	208	1211	0.05%	0.002%
255	10.746	10.734	10.752	VV	194	1424	0.06%	0.002%
256	10.758	10.752	10.762	VV	144	818	0.03%	0.001%
257	10.767	10.762	10.791	VV	192	1754	0.07%	0.002%
258	10.804	10.791	10.824	VV	169	1607	0.07%	0.002%
259	10.852	10.824	10.866	PV	424	5163	0.21%	0.007%
260	10.880	10.866	10.907	VV	692	12090	0.50%	0.015%
261	10.929	10.907	10.937	VV	1073	14259	0.59%	0.018%
262	10.951	10.937	10.982	VV	1981	31003	1.29%	0.040%
263	10.991	10.982	11.006	VV	745	9909	0.41%	0.013%
264	11.015	11.006	11.041	VV	810	11968	0.50%	0.015%
265	11.056	11.041	11.083	VV	475	8410	0.35%	0.011%
266	11.107	11.083	11.129	VV	488	9298	0.39%	0.012%
267	11.151	11.129	11.163	VV	1578	19484	0.81%	0.025%
268	11.183	11.163	11.190	VV	7422	75557	3.14%	0.096%
269	11.202	11.190	11.245	VV	8634	130059	5.41%	0.166%
270	11.263	11.245	11.287	VV	1818	31407	1.31%	0.040%
271	11.298	11.287	11.329	VV	963	16419	0.68%	0.021%
272	11.355	11.329	11.362	VV	489	8455	0.35%	0.011%
273	11.371	11.362	11.394	VV	475	6647	0.28%	0.008%
274	11.408	11.394	11.419	VV	281	2744	0.11%	0.003%
275	11.435	11.419	11.443	VV	462	4527	0.19%	0.006%
276	11.451	11.443	11.468	VV	436	5356	0.22%	0.007%
277	11.492	11.468	11.526	VV	978	23094	0.96%	0.029%
278	11.537	11.526	11.551	VV	575	7130	0.30%	0.009%
279	11.558	11.551	11.576	VV	553	7185	0.30%	0.009%
280	11.631	11.576	11.682	VV	163324	1992942	82.85%	2.539%
281	11.701	11.682	11.767	VV	7229	121984	5.07%	0.155%
282	11.787	11.767	11.805	VV	707	13051	0.54%	0.017%
283	11.824	11.805	11.851	VV	1756	24767	1.03%	0.032%
284	11.877	11.851	11.930	VV	6383	142418	5.92%	0.181%
285	11.943	11.930	11.968	VV	1191	21284	0.88%	0.027%
286	11.990	11.968	12.007	VV	1300	22892	0.95%	0.029%
287	12.032	12.007	12.076	VV	2389	73085	3.04%	0.093%
288	12.101	12.076	12.127	VV	2339	50279	2.09%	0.064%
289	12.155	12.127	12.220	VV	3440	98517	4.10%	0.126%
290	12.246	12.220	12.262	VV	1231	28707	1.19%	0.037%
291	12.318	12.262	12.341	VV	3283	93770	3.90%	0.119%
292	12.400	12.341	12.439	VV	14870	307802	12.80%	0.392%
293	12.461	12.439	12.496	VV	5494	125247	5.21%	0.160%
294	12.509	12.496	12.522	VV	2718	39662	1.65%	0.051%
295	12.562	12.522	12.612	VV	167526	2405599	100.00%	3.065%
296	12.626	12.612	12.643	VV	5079	84791	3.52%	0.108%
297	12.655	12.643	12.666	VV	3998	52162	2.17%	0.066%
298	12.680	12.666	12.707	VV	4342	96315	4.00%	0.123%
299	12.718	12.707	12.742	VV	3743	71803	2.98%	0.091%

					rteres			
300	12.802	12.742	12.823	VV	4903	185698	7.72%	0.237%
301	12.846	12.823	12.907	VV	5940	248928	10.35%	0.317%
302	12.943	12.907	12.979	VV	155883	2048652	85.16%	2.610%
303	13.004	12.979	13.071	VV	26499	588797	24.48%	0.750%
304	13.088	13.071	13.133	VV	6042	195131	8.11%	0.249%
305	13.153	13.133	13.163	VV	5264	91338	3.80%	0.116%
306	13.187	13.163	13.232	VV	7678	257985	10.72%	0.329%
307	13.238	13.232	13.248	VV	5561	49868	2.07%	0.064%
308	13.271	13.248	13.275	VV	5547	89935	3.74%	0.115%
309	13.302	13.275	13.333	VV	22081	397502	16.52%	0.506%
310	13.360	13.333	13.382	VV	9150	225377	9.37%	0.287%
311	13.398	13.382	13.449	VV	7671	277346	11.53%	0.353%
312	13.489	13.449	13.512	VV	8406	281352	11.70%	0.358%
313	13.534	13.512	13.538	VV	8136	121851	5.07%	0.155%
314	13.571	13.538	13.607	VV	18526	534592	22.22%	0.681%
315	13.624	13.607	13.674	VV	17566	538840	22.40%	0.687%
316	13.679	13.674	13.697	VV	10397	141760	5.89%	0.181%
317	13.722	13.697	13.747	VV	10583	289430	12.03%	0.369%
318	13.788	13.747	13.853	VV	63288	1298966	54.00%	1.655%
319	13.870	13.853	13.882	VV	11081	191015	7.94%	0.243%
320	13.899	13.882	13.927	VV	12550	299209	12.44%	0.381%
321	13.934	13.927	13.947	VV	10138	125887	5.23%	0.160%
322	13.969	13.947	13.976	VV	10482	173572	7.22%	0.221%
323	14.006	13.976	14.034	VV	11610	385306	16.02%	0.491%
324	14.048	14.034	14.061	VV	11721	181118	7.53%	0.231%
325	14.094	14.061	14.112	VV	12617	365141	15.18%	0.465%
326	14.145	14.112	14.186	VV	162108	2364764	98.30%	3.013%
327	14.198	14.186	14.222	VV	12605	261353	10.86%	0.333%
328	14.225	14.222	14.239	VV	11416	111498	4.63%	0.142%
329	14.264	14.239	14.290	VV	13201	374338	15.56%	0.477%
330	14.296	14.290	14.304	VV	11953	98363	4.09%	0.125%
331	14.307	14.304	14.328	VV	11842	161579	6.72%	0.206%
332	14.361	14.328	14.406	VV	12830	552636	22.97%	0.704%
333	14.420	14.406	14.441	VV	11516	235866	9.80%	0.301%
334	14.470	14.441	14.492	VV	13788	380319	15.81%	0.485%
335	14.509	14.492	14.524	VV	11855	218255	9.07%	0.278%
336	14.550	14.524	14.592	VV	14391	535134	22.25%	0.682%
337	14.614	14.592	14.630	VV	12657	280984	11.68%	0.358%
338	14.651	14.630	14.686	VV	12892	400693	16.66%	0.511%
339	14.709	14.686	14.759	VV	15555	554208	23.04%	0.706%
340	14.773	14.759	14.792	VV	11463	216828	9.01%	0.276%
341	14.818	14.792	14.849	VV	13399	403293	16.76%	0.514%
342	14.879	14.849	14.904	VV	11804	353974	14.71%	0.451%
343	14.933	14.904	14.949	VV	11702	287785	11.96%	0.367%
344	14.955	14.949	15.000	VV	10534	288238	11.98%	0.367%
345	15.048	15.000	15.094	VV	101719	1738067	72.25%	2.214%
346	15.114	15.094	15.147	VV	9097	261861	10.89%	0.334%
347	15.152	15.147	15.163	VV	7356	67307	2.80%	0.086%
348	15.191	15.163	15.212	VV	14490	323632	13.45%	0.412%
349	15.252	15.212	15.282	VV	148765	2237621	93.02%	2.851%
350	15.295	15.282	15.331	VV	7842	186577	7.76%	0.238%
351	15.351	15.331	15.377	VV	6744	158999	6.61%	0.203%

					rteres			
352	15.382	15.377	15.403	VV	5527	78775	3.27%	0.100%
353	15.420	15.403	15.442	VV	4814	108460	4.51%	0.138%
354	15.446	15.442	15.461	VV	4478	48078	2.00%	0.061%
355	15.464	15.461	15.470	VV	4340	22806	0.95%	0.029%
356	15.474	15.470	15.480	VV	4308	26574	1.10%	0.034%
357	15.505	15.480	15.529	VV	4469	124893	5.19%	0.159%
358	15.537	15.529	15.571	VV	4190	96753	4.02%	0.123%
359	15.574	15.571	15.578	VV	3679	15875	0.66%	0.020%
360	15.581	15.578	15.604	VV	3559	52698	2.19%	0.067%
361	15.634	15.604	15.713	VV	48884	1094063	45.48%	1.394%
362	15.726	15.713	15.746	VV	4035	70291	2.92%	0.090%
363	15.790	15.746	15.816	VV	29174	558079	23.20%	0.711%
364	15.842	15.816	15.861	VV	4646	107982	4.49%	0.138%
365	15.867	15.861	15.889	VV	3469	48093	2.00%	0.061%
366	15.903	15.889	15.941	VV	2682	65662	2.73%	0.084%
367	15.948	15.941	15.972	VV	1817	29959	1.25%	0.038%
368	16.003	15.972	16.021	VV	2654	64418	2.68%	0.082%
369	16.034	16.021	16.073	VV	2405	59114	2.46%	0.075%
370	16.096	16.073	16.121	VV	1851	42981	1.79%	0.055%
371	16.161	16.121	16.214	VV	3022	101570	4.22%	0.129%
372	16.236	16.214	16.246	VV	2529	35599	1.48%	0.045%
373	16.277	16.246	16.315	VV	139609	1849599	76.89%	2.357%
374	16.338	16.315	16.401	VV	4515	74647	3.10%	0.095%
375	16.405	16.401	16.413	VV	334	2109	0.09%	0.003%
376	16.417	16.413	16.440	VV	316	2525	0.10%	0.003%
377	16.471	16.440	16.478	PV	657	9328	0.39%	0.012%
378	16.483	16.478	16.491	VV	558	3274	0.14%	0.004%
379	16.508	16.491	16.529	VV	522	7767	0.32%	0.010%
380	16.575	16.529	16.615	VV	1697	45481	1.89%	0.058%
381	16.653	16.615	16.709	VV	25840	558930	23.23%	0.712%
382	16.758	16.709	16.809	VV	27247	550682	22.89%	0.702%
383	16.836	16.809	16.867	VV	5162	89257	3.71%	0.114%
384	16.887	16.867	16.917	VV	2087	34396	1.43%	0.044%
385	16.925	16.917	16.947	VV	398	4395	0.18%	0.006%
386	16.963	16.947	16.971	PV	326	3291	0.14%	0.004%
387	16.984	16.971	16.998	VV	404	4609	0.19%	0.006%
388	17.075	16.998	17.107	VV	7130	121823	5.06%	0.155%
389	17.136	17.107	17.174	VV	9251	168807	7.02%	0.215%
390	17.230	17.174	17.261	VV	132362	1884484	78.34%	2.401%
391	17.278	17.261	17.287	VV	7487	87289	3.63%	0.111%
392	17.306	17.287	17.341	VV	17504	251809	10.47%	0.321%
393	17.350	17.341	17.364	VV	426	3897	0.16%	0.005%
394	17.381	17.364	17.399	VV	351	5513	0.23%	0.007%
395	17.419	17.399	17.427	VV	363	4570	0.19%	0.006%
396	17.432	17.427	17.438	VV	270	1591	0.07%	0.002%
397	17.461	17.438	17.466	VV	536	6332	0.26%	0.008%
398	17.507	17.466	17.539	VV	1034	32514	1.35%	0.041%
399	17.598	17.539	17.652	VV	31307	697796	29.01%	0.889%
400	17.681	17.652	17.730	VV	60963	898921	37.37%	1.145%
401	17.764	17.730	17.786	VV	4798	80121	3.33%	0.102%
402	17.794	17.786	17.828	VV	1680	28142	1.17%	0.036%
403	17.849	17.828	17.871	VV	1184	16364	0.68%	0.021%
404	17.894	17.871	17.926	PV	735	16067	0.67%	0.020%

					rteres			
405	17.960	17.926	17.991	VV	870	20548	0.85%	0.026%
406	18.017	17.991	18.022	VV	697	10446	0.43%	0.013%
407	18.061	18.022	18.069	VV	3586	67109	2.79%	0.086%
408	18.074	18.069	18.082	VV	3567	27351	1.14%	0.035%
409	18.121	18.082	18.154	VV	124520	1823088	75.79%	2.323%
410	18.159	18.154	18.165	VV	1319	8005	0.33%	0.010%
411	18.210	18.165	18.273	VV	27889	477692	19.86%	0.609%
412	18.297	18.273	18.313	VV	2193	46696	1.94%	0.059%
413	18.344	18.313	18.374	VV	5825	118277	4.92%	0.151%
414	18.441	18.374	18.450	VV	4800	129619	5.39%	0.165%
415	18.480	18.450	18.523	VV	60967	1379542	57.35%	1.758%
416	18.545	18.523	18.590	VV	50188	873086	36.29%	1.112%
417	18.639	18.590	18.660	VV	8251	237977	9.89%	0.303%
418	18.681	18.660	18.731	VV	7208	200950	8.35%	0.256%
419	18.765	18.731	18.800	VV	7020	164630	6.84%	0.210%
420	18.848	18.800	18.877	VV	3542	132082	5.49%	0.168%
421	18.956	18.877	19.006	VV	134163	2290025	95.20%	2.918%
422	19.055	19.006	19.145	VV	28439	797163	33.14%	1.016%
423	19.151	19.145	19.172	VV	3545	52452	2.18%	0.067%
424	19.188	19.172	19.194	VV	3030	39230	1.63%	0.050%
425	19.230	19.194	19.254	VV	9375	209002	8.69%	0.266%
426	19.275	19.254	19.284	VV	6721	106704	4.44%	0.136%
427	19.314	19.284	19.339	VV	40369	821599	34.15%	1.047%
428	19.357	19.339	19.406	VV	27904	766733	31.87%	0.977%
429	19.450	19.406	19.474	VV	9975	348699	14.50%	0.444%
430	19.486	19.474	19.515	VV	8724	168121	6.99%	0.214%
431	19.525	19.515	19.531	VV	4834	46568	1.94%	0.059%
432	19.554	19.531	19.571	VV	6415	132111	5.49%	0.168%
433	19.596	19.571	19.626	VV	8927	236078	9.81%	0.301%
434	19.646	19.626	19.689	VV	8197	227525	9.46%	0.290%
435	19.744	19.689	19.786	VV	127804	2089094	86.84%	2.662%
436	19.801	19.786	19.823	VV	10579	199763	8.30%	0.255%
437	19.851	19.823	19.881	VV	14214	327053	13.60%	0.417%
438	19.911	19.881	19.923	VV	7267	159497	6.63%	0.203%
439	19.935	19.923	19.977	VV	6904	196047	8.15%	0.250%
440	20.011	19.977	20.057	VV	8657	337843	14.04%	0.430%
441	20.093	20.057	20.132	VV	14642	507893	21.11%	0.647%
442	20.147	20.132	20.192	VV	12330	328991	13.68%	0.419%
443	20.210	20.192	20.233	VV	6952	161418	6.71%	0.206%
444	20.257	20.233	20.282	VV	8446	215256	8.95%	0.274%
445	20.324	20.282	20.334	VV	8444	241135	10.02%	0.307%
446	20.338	20.334	20.343	VV	8344	43202	1.80%	0.055%
447	20.363	20.343	20.371	VV	9240	148429	6.17%	0.189%
448	20.389	20.371	20.431	VV	10829	328543	13.66%	0.419%
449	20.486	20.431	20.534	VV	124179	2199943	91.45%	2.803%
450	20.542	20.534	20.571	VV	6350	135592	5.64%	0.173%
451	20.606	20.571	20.616	VV	7922	190941	7.94%	0.243%
452	20.643	20.616	20.679	VV	12770	353757	14.71%	0.451%
453	20.709	20.679	20.740	VV	7610	259552	10.79%	0.331%
454	20.744	20.740	20.781	VV	6924	163734	6.81%	0.209%
455	20.787	20.781	20.799	VV	6507	69535	2.89%	0.089%
456	20.803	20.799	20.806	VV	6477	27685	1.15%	0.035%

					rteres				
457	20.848	20.806	20.866	VV	8979	277899	11.55%	0.354%	
458	20.882	20.866	20.933	VV	8399	291964	12.14%	0.372%	
459	20.955	20.933	20.995	VV	6410	223629	9.30%	0.285%	
460	21.018	20.995	21.054	VV	6300	208450	8.67%	0.266%	
461	21.057	21.054	21.076	VV	5415	68360	2.84%	0.087%	
462	21.078	21.076	21.086	VV	5068	31640	1.32%	0.040%	
463	21.142	21.086	21.192	VV	5722	327146	13.60%	0.417%	
464	21.241	21.192	21.326	VV	102622	2127193	88.43%	2.710%	
465	21.346	21.326	21.356	VV	3931	69220	2.88%	0.088%	
466	21.368	21.356	21.379	VV	3928	53813	2.24%	0.069%	
467	21.385	21.379	21.417	VV	3861	83745	3.48%	0.107%	
468	21.456	21.417	21.469	VV	3888	113847	4.73%	0.145%	
469	21.477	21.469	21.508	VV	3921	82523	3.43%	0.105%	
470	21.544	21.508	21.563	VV	4304	126978	5.28%	0.162%	
471	21.569	21.563	21.574	VV	3786	25262	1.05%	0.032%	
472	21.578	21.574	21.626	VV	3800	103159	4.29%	0.131%	
473	21.630	21.626	21.639	VV	2969	22992	0.96%	0.029%	
474	21.682	21.639	21.719	VV	3759	153300	6.37%	0.195%	
475	21.750	21.719	21.768	VV	3033	84521	3.51%	0.108%	
476	21.774	21.768	21.805	VV	2699	55637	2.31%	0.071%	
477	21.819	21.805	21.898	VV	2337	105766	4.40%	0.135%	
478	21.935	21.898	21.967	VV	2086	75235	3.13%	0.096%	
479	21.997	21.967	22.022	VV	2141	60549	2.52%	0.077%	
480	22.026	22.022	22.047	VV	1830	23544	0.98%	0.030%	
481	22.052	22.047	22.065	VV	1338	12877	0.54%	0.016%	
482	22.076	22.065	22.109	VV	1263	26334	1.09%	0.034%	
483	22.184	22.109	22.266	VV	71974	1838996	76.45%	2.343%	
484	22.270	22.266	22.278	VV	198	1123	0.05%	0.001%	
485	22.280	22.278	22.289	VV	165	554	0.02%	0.001%	

Sum of corrected areas: 78488664

FF102925.M Fri Nov 21 02:25:08 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	WASTEMSD	SDG No.:	Q3661
Lab Sample ID:	Q3661-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	80.7
Sample Wt/Vol:	30.09 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:		11/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	30000		1	474	3500	ug/kg	11/20/25 21:10	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	12.1			37 - 130	61%	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\FF112025\
 Data File : FF016768.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 21:10
 Operator : YP\AJ
 Sample : Q3661-01MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Integration File: Sample.e
 Quant Time: Nov 21 01:13:01 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...	15.047	1268194	12.139 ug/ml
Target Compounds			
1) N-OCTANE	2.038	1597895	14.396 ug/ml
2) N-DECANE	4.564	1804088	16.305 ug/ml
3) N-DODECANE	6.743	1842726	16.588 ug/ml
4) N-TETRADECANE	8.576	1833034	16.408 ug/ml
5) N-HEXADECANE	10.184	1858659	16.542 ug/ml
6) N-OCTADECANE	11.630	1978445	16.906 ug/ml
7) N-EICOSANE	12.943	1861009	15.241 ug/ml
8) N-DOCOSANE	14.145	1868524	15.675 ug/ml
10) N-TETRACOSANE	15.252	1958407	16.528 ug/ml
11) N-HEXACOSANE	16.276	1857173	16.166 ug/ml
12) N-OCTACOSANE	17.230	1784980	15.664 ug/ml
13) N-TRIACONTANE	18.122	1939299	17.260 ug/ml
14) N-DOTRIACONTANE	18.958	2110141	19.685 ug/ml
15) N-TETRATRIACONTANE	19.744	2024960	20.608 ug/ml
16) N-HEXATRIACONTANE	20.487	1891283	22.118 ug/ml
17) N-OCTATRIACONTANE	21.243	1858047	24.208 ug/ml
18) N-TETRACONTANE	22.183	1825511	26.748 ug/mlm

(f)=RT Delta > 1/2 Window

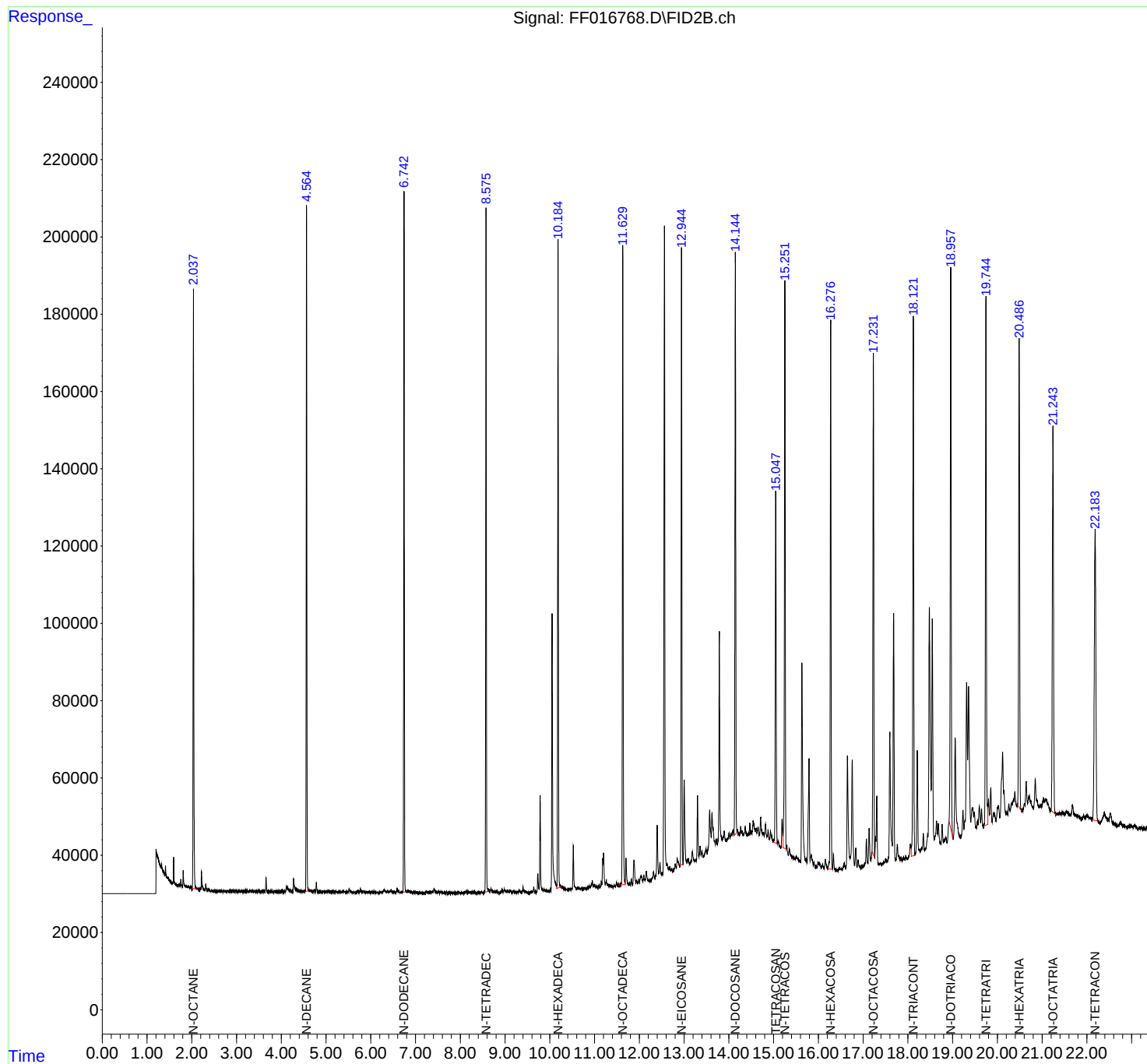
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
Data File : FF016768.D
Signal(s) : FID2B.ch
Acq On : 20 Nov 2025 21:10
Operator : YP\AJ
Sample : Q3661-01MSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WASTEMSD

Integration File: Sample.e
Quant Time: Nov 21 01:13:01 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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016768.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 21:10
 Sample : Q3661-01MSD
 Misc :
 ALS Vial : 78 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	1.920	1.900	1.958	BV	489	7486	0.29%	0.009%
2	1.973	1.958	2.006	PV	543	6787	0.26%	0.009%
3	2.038	2.006	2.118	PV	155250	1606244	62.69%	2.034%
4	2.121	2.118	2.147	VV	189	2528	0.10%	0.003%
5	2.151	2.147	2.163	VV	137	1036	0.04%	0.001%
6	2.167	2.163	2.174	VV	136	527	0.02%	0.001%
7	2.198	2.174	2.207	PV	241	2867	0.11%	0.004%
8	2.217	2.207	2.293	VV	4804	59849	2.34%	0.076%
9	2.312	2.293	2.355	VV	1720	22039	0.86%	0.028%
10	2.369	2.355	2.403	VV	489	7717	0.30%	0.010%
11	2.408	2.403	2.443	VV	103	1480	0.06%	0.002%
12	2.464	2.443	2.477	PV	201	2130	0.08%	0.003%
13	2.485	2.477	2.489	VV	125	619	0.02%	0.001%
14	2.505	2.489	2.527	PV	169	2279	0.09%	0.003%
15	2.535	2.527	2.573	VV	143	1927	0.08%	0.002%
16	2.602	2.597	2.612	VV	104	718	0.03%	0.001%
17	2.618	2.612	2.628	PV	176	950	0.04%	0.001%
18	2.643	2.628	2.658	VV	194	2494	0.10%	0.003%
19	2.661	2.658	2.667	VV	128	653	0.03%	0.001%
20	2.673	2.667	2.702	VV	218	2452	0.10%	0.003%
21	2.715	2.702	2.732	VV	219	2440	0.10%	0.003%
22	2.737	2.732	2.765	VV	159	2132	0.08%	0.003%
23	2.769	2.765	2.777	PV	146	674	0.03%	0.001%
24	2.796	2.777	2.812	VV	193	2737	0.11%	0.003%
25	2.838	2.833	2.859	VV	146	1556	0.06%	0.002%
26	2.878	2.859	2.884	VV	149	1472	0.06%	0.002%
27	2.909	2.884	2.937	VV	222	4886	0.19%	0.006%
28	2.945	2.937	2.953	VV	227	1504	0.06%	0.002%
29	2.955	2.953	2.968	VV	209	1355	0.05%	0.002%
30	2.994	2.968	3.017	VV	253	4904	0.19%	0.006%
31	3.019	3.017	3.023	VV	190	484	0.02%	0.001%
32	3.031	3.023	3.068	VV	219	4044	0.16%	0.005%
33	3.088	3.068	3.121	VV	198	4509	0.18%	0.006%
34	3.125	3.121	3.132	VV	192	1046	0.04%	0.001%
35	3.137	3.132	3.143	VV	207	951	0.04%	0.001%
36	3.148	3.143	3.158	VV	178	1268	0.05%	0.002%

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37	3.165	3.158	3.178	VV	255	2126	0.08%	0.003%
38	3.182	3.178	3.190	VV	186	1132	0.04%	0.001%
39	3.232	3.230	3.251	VV	249	2031	0.08%	0.003%
40	3.258	3.251	3.264	VV	180	1262	0.05%	0.002%
41	3.273	3.264	3.286	VV	154	1519	0.06%	0.002%
42	3.305	3.286	3.319	VV	298	4140	0.16%	0.005%
43	3.334	3.319	3.354	VV	281	4657	0.18%	0.006%
44	3.355	3.354	3.372	VV	213	1578	0.06%	0.002%
45	3.375	3.372	3.389	VV	195	1408	0.05%	0.002%
46	3.394	3.389	3.415	VV	186	2022	0.08%	0.003%
47	3.418	3.415	3.433	VV	200	1529	0.06%	0.002%
48	3.438	3.433	3.445	VV	187	1011	0.04%	0.001%
49	3.450	3.445	3.465	VV	169	1514	0.06%	0.002%
50	3.477	3.465	3.502	VV	217	3617	0.14%	0.005%
51	3.508	3.502	3.520	VV	271	1994	0.08%	0.003%
52	3.522	3.520	3.533	VV	224	1303	0.05%	0.002%
53	3.536	3.533	3.548	VV	153	1064	0.04%	0.001%
54	3.566	3.548	3.579	VV	205	2729	0.11%	0.003%
55	3.608	3.599	3.612	VV	182	1009	0.04%	0.001%
56	3.627	3.612	3.638	VV	234	2389	0.09%	0.003%
57	3.660	3.638	3.685	VV	3733	42203	1.65%	0.053%
58	3.688	3.685	3.692	VV	216	819	0.03%	0.001%
59	3.695	3.692	3.726	VV	236	3362	0.13%	0.004%
60	3.745	3.726	3.750	VV	248	2799	0.11%	0.004%
61	3.754	3.750	3.760	VV	249	1315	0.05%	0.002%
62	3.762	3.760	3.795	VV	285	3266	0.13%	0.004%
63	3.809	3.795	3.828	VV	195	2667	0.10%	0.003%
64	3.833	3.828	3.842	VV	188	858	0.03%	0.001%
65	3.846	3.842	3.858	VV	170	1204	0.05%	0.002%
66	3.863	3.858	3.870	VV	139	680	0.03%	0.001%
67	3.874	3.870	3.882	VV	144	834	0.03%	0.001%
68	3.888	3.882	3.899	VV	180	1419	0.06%	0.002%
69	3.901	3.899	3.915	VV	162	1175	0.05%	0.001%
70	3.940	3.915	3.960	VV	213	3636	0.14%	0.005%
71	3.963	3.960	3.968	VV	194	587	0.02%	0.001%
72	3.972	3.968	3.977	VV	123	502	0.02%	0.001%
73	3.992	3.977	4.012	VV	184	2767	0.11%	0.004%
74	4.030	4.012	4.039	VV	183	2260	0.09%	0.003%
75	4.045	4.039	4.059	VV	180	1407	0.05%	0.002%
76	4.074	4.059	4.096	VV	214	2889	0.11%	0.004%
77	4.113	4.096	4.133	VV	1460	21796	0.85%	0.028%
78	4.142	4.133	4.217	VV	1266	32054	1.25%	0.041%
79	4.218	4.217	4.237	VV	416	3894	0.15%	0.005%
80	4.241	4.237	4.253	VV	241	2202	0.09%	0.003%
81	4.275	4.253	4.316	VV	3573	57283	2.24%	0.073%
82	4.327	4.316	4.350	VV	953	15643	0.61%	0.020%
83	4.354	4.350	4.412	VV	579	15228	0.59%	0.019%
84	4.416	4.412	4.430	VV	296	3070	0.12%	0.004%
85	4.433	4.430	4.441	VV	344	1900	0.07%	0.002%
86	4.445	4.441	4.472	VV	311	4682	0.18%	0.006%
87	4.476	4.472	4.483	VV	271	1558	0.06%	0.002%
88	4.494	4.483	4.506	VV	322	3502	0.14%	0.004%
89	4.510	4.506	4.517	VV	310	1716	0.07%	0.002%

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90	4.530	4.517	4.536	VV	332	3208	0.13%	0.004%
91	4.564	4.536	4.626	VV	177723	1823357	71.17%	2.309%
92	4.639	4.626	4.685	VV	589	14600	0.57%	0.018%
93	4.688	4.685	4.695	VV	358	1912	0.07%	0.002%
94	4.701	4.695	4.712	VV	501	2893	0.11%	0.004%
95	4.732	4.712	4.747	VV	708	9620	0.38%	0.012%
96	4.751	4.747	4.762	VV	342	2389	0.09%	0.003%
97	4.783	4.762	4.833	VV	2590	33215	1.30%	0.042%
98	4.851	4.833	4.860	VV	308	3634	0.14%	0.005%
99	4.876	4.860	4.895	VV	302	4269	0.17%	0.005%
100	4.907	4.895	4.914	VV	211	1822	0.07%	0.002%
101	4.917	4.914	4.932	VV	211	1941	0.08%	0.002%
102	4.938	4.932	4.953	VV	236	2311	0.09%	0.003%
103	4.957	4.953	4.973	VV	207	2214	0.09%	0.003%
104	4.980	4.973	4.998	VV	199	2904	0.11%	0.004%
105	5.001	4.998	5.006	VV	215	959	0.04%	0.001%
106	5.010	5.006	5.014	VV	253	1043	0.04%	0.001%
107	5.018	5.014	5.026	VV	277	1633	0.06%	0.002%
108	5.027	5.026	5.047	VV	285	3020	0.12%	0.004%
109	5.054	5.047	5.064	VV	262	2501	0.10%	0.003%
110	5.069	5.064	5.090	VV	317	3833	0.15%	0.005%
111	5.094	5.090	5.105	VV	241	1999	0.08%	0.003%
112	5.130	5.127	5.148	VV	213	2713	0.11%	0.003%
113	5.150	5.148	5.166	VV	271	2104	0.08%	0.003%
114	5.174	5.166	5.184	VV	208	1700	0.07%	0.002%
115	5.187	5.184	5.202	VV	221	1579	0.06%	0.002%
116	5.223	5.202	5.244	VV	440	7383	0.29%	0.009%
117	5.249	5.244	5.265	VV	207	1772	0.07%	0.002%
118	5.273	5.265	5.277	VV	269	1360	0.05%	0.002%
119	5.285	5.277	5.297	VV	305	2688	0.10%	0.003%
120	5.304	5.297	5.311	VV	251	1794	0.07%	0.002%
121	5.316	5.311	5.325	VV	238	1480	0.06%	0.002%
122	5.329	5.325	5.337	VV	240	1450	0.06%	0.002%
123	5.341	5.337	5.350	VV	230	1415	0.06%	0.002%
124	5.374	5.350	5.383	VV	441	6350	0.25%	0.008%
125	5.453	5.439	5.475	VV	181	2352	0.09%	0.003%
126	5.514	5.475	5.540	VV	1057	16339	0.64%	0.021%
127	5.547	5.540	5.571	VV	324	4333	0.17%	0.005%
128	5.583	5.571	5.607	VV	186	2209	0.09%	0.003%
129	5.621	5.607	5.627	VV	172	1430	0.06%	0.002%
130	5.630	5.627	5.648	VV	161	1364	0.05%	0.002%
131	5.661	5.648	5.690	VV	121	1925	0.08%	0.002%
132	5.708	5.690	5.727	VV	523	6441	0.25%	0.008%
133	5.731	5.727	5.739	VV	195	1071	0.04%	0.001%
134	5.769	5.739	5.800	VV	951	18022	0.70%	0.023%
135	5.820	5.800	5.851	VV	377	8963	0.35%	0.011%
136	5.857	5.851	5.874	VV	237	2340	0.09%	0.003%
137	5.879	5.874	5.885	VV	209	997	0.04%	0.001%
138	5.902	5.885	5.914	VV	217	2649	0.10%	0.003%
139	5.931	5.914	5.936	VV	160	1734	0.07%	0.002%
140	6.026	5.990	6.054	VV	328	6652	0.26%	0.008%
141	6.079	6.054	6.103	VV	384	5634	0.22%	0.007%

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142	6.123	6.103	6.133	VV	195	1968	0.08%	0.002%
143	6.140	6.133	6.163	VV	131	1686	0.07%	0.002%
144	6.168	6.163	6.173	VV	159	747	0.03%	0.001%
145	6.177	6.173	6.207	VV	149	2465	0.10%	0.003%
146	6.226	6.207	6.245	PV	242	4218	0.16%	0.005%
147	6.248	6.245	6.254	VV	216	925	0.04%	0.001%
148	6.338	6.334	6.365	VV	351	5795	0.23%	0.007%
149	6.369	6.365	6.372	VV	345	1210	0.05%	0.002%
150	6.387	6.372	6.415	VV	494	8226	0.32%	0.010%
151	6.428	6.415	6.441	VV	521	6526	0.25%	0.008%
152	6.459	6.441	6.518	VV	784	14299	0.56%	0.018%
153	6.537	6.518	6.556	VV	333	4756	0.19%	0.006%
154	6.583	6.556	6.614	VV	1230	21759	0.85%	0.028%
155	6.623	6.614	6.659	VV	488	8331	0.33%	0.011%
156	6.672	6.659	6.677	VV	197	1756	0.07%	0.002%
157	6.694	6.677	6.710	VV	331	4537	0.18%	0.006%
158	6.743	6.710	6.813	VV	181388	1862353	72.69%	2.358%
159	6.835	6.813	6.935	VV	727	29043	1.13%	0.037%
160	6.939	6.935	6.945	VV	227	1154	0.05%	0.001%
161	6.957	6.945	6.976	VV	343	4324	0.17%	0.005%
162	7.002	6.976	7.010	VV	307	4423	0.17%	0.006%
163	7.014	7.010	7.066	VV	327	5135	0.20%	0.007%
164	7.079	7.066	7.090	VV	144	1267	0.05%	0.002%
165	7.100	7.090	7.137	VV	146	2008	0.08%	0.003%
166	7.154	7.137	7.174	VV	98	1363	0.05%	0.002%
167	7.190	7.174	7.220	VV	133	2242	0.09%	0.003%
168	7.249	7.220	7.269	VV	377	7592	0.30%	0.010%
169	7.274	7.269	7.279	VV	276	1445	0.06%	0.002%
170	7.281	7.279	7.306	VV	276	3473	0.14%	0.004%
171	7.314	7.306	7.337	VV	258	4092	0.16%	0.005%
172	7.344	7.337	7.349	VV	280	1672	0.07%	0.002%
173	7.384	7.349	7.392	VV	383	7879	0.31%	0.010%
174	7.413	7.392	7.457	VV	1226	24222	0.95%	0.031%
175	7.465	7.457	7.497	VV	423	5467	0.21%	0.007%
176	7.500	7.497	7.512	VV	145	1226	0.05%	0.002%
177	7.521	7.512	7.543	VV	256	3257	0.13%	0.004%
178	7.566	7.543	7.597	VV	463	7815	0.31%	0.010%
179	7.601	7.597	7.607	VV	163	891	0.03%	0.001%
180	7.609	7.607	7.629	VV	183	1183	0.05%	0.001%
181	7.634	7.629	7.675	VV	135	2050	0.08%	0.003%
182	7.694	7.675	7.727	VV	424	5364	0.21%	0.007%
183	7.730	7.727	7.744	PV	54	259	0.01%	0.000%
184	7.765	7.744	7.789	VV	212	2712	0.11%	0.003%
185	7.815	7.789	7.839	VV	197	3394	0.13%	0.004%
186	7.845	7.839	7.888	VV	136	2455	0.10%	0.003%
187	7.894	7.888	7.910	VV	76	596	0.02%	0.001%
188	7.916	7.910	7.920	PV	80	269	0.01%	0.000%
189	7.937	7.920	7.946	VV	189	1411	0.06%	0.002%
190	7.981	7.946	8.011	VV	325	6232	0.24%	0.008%
191	8.029	8.011	8.055	VV	172	2277	0.09%	0.003%
192	8.061	8.055	8.072	VV	105	850	0.03%	0.001%
193	8.077	8.072	8.082	VV	113	584	0.02%	0.001%
194	8.086	8.082	8.092	VV	143	589	0.02%	0.001%

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195	8.124	8.092	8.170	VV	498	14956	0.58%	0.019%
196	8.189	8.170	8.207	VV	277	4908	0.19%	0.006%
197	8.211	8.207	8.216	VV	168	803	0.03%	0.001%
198	8.224	8.216	8.245	VV	182	2331	0.09%	0.003%
199	8.267	8.245	8.283	VV	393	5253	0.21%	0.007%
200	8.303	8.283	8.378	VV	367	9339	0.36%	0.012%
201	8.391	8.378	8.395	VV	212	1333	0.05%	0.002%
202	8.402	8.395	8.421	VV	212	2058	0.08%	0.003%
203	8.471	8.421	8.502	PV	311	8049	0.31%	0.010%
204	8.509	8.502	8.532	VV	166	2157	0.08%	0.003%
205	8.576	8.532	8.659	VV	177359	1861096	72.64%	2.356%
206	8.684	8.659	8.712	VV	1111	21369	0.83%	0.027%
207	8.717	8.712	8.722	VV	490	2737	0.11%	0.003%
208	8.727	8.722	8.752	VV	495	6824	0.27%	0.009%
209	8.757	8.752	8.770	VV	338	3278	0.13%	0.004%
210	8.777	8.770	8.791	VV	329	3405	0.13%	0.004%
211	8.813	8.791	8.860	VV	486	11415	0.45%	0.014%
212	8.864	8.860	8.867	VV	218	746	0.03%	0.001%
213	8.871	8.867	8.893	VV	210	2371	0.09%	0.003%
214	8.940	8.893	8.964	VV	779	19113	0.75%	0.024%
215	8.984	8.964	9.040	VV	1007	25886	1.01%	0.033%
216	9.055	9.040	9.100	VV	612	16021	0.63%	0.020%
217	9.113	9.100	9.149	VV	617	11480	0.45%	0.015%
218	9.177	9.149	9.209	VV	427	10142	0.40%	0.013%
219	9.211	9.209	9.232	VV	277	3163	0.12%	0.004%
220	9.235	9.232	9.239	VV	263	883	0.03%	0.001%
221	9.244	9.239	9.250	VV	192	1132	0.04%	0.001%
222	9.266	9.250	9.272	VV	297	2990	0.12%	0.004%
223	9.275	9.272	9.290	VV	281	2276	0.09%	0.003%
224	9.319	9.290	9.365	VV	602	14857	0.58%	0.019%
225	9.369	9.365	9.379	VV	161	1071	0.04%	0.001%
226	9.402	9.379	9.484	VV	1597	30965	1.21%	0.039%
227	9.490	9.484	9.510	VV	209	2193	0.09%	0.003%
228	9.515	9.510	9.534	PV	96	591	0.02%	0.001%
229	9.555	9.534	9.568	VV	128	1547	0.06%	0.002%
230	9.597	9.568	9.615	VV	350	5545	0.22%	0.007%
231	9.642	9.615	9.664	VV	1393	16692	0.65%	0.021%
232	9.680	9.664	9.705	VV	241	2578	0.10%	0.003%
233	9.732	9.705	9.760	VV	4778	63115	2.46%	0.080%
234	9.784	9.760	9.857	VV	25014	300452	11.73%	0.380%
235	9.873	9.857	9.899	VV	687	11530	0.45%	0.015%
236	9.906	9.899	9.930	VV	425	6395	0.25%	0.008%
237	9.935	9.930	9.950	VV	311	2462	0.10%	0.003%
238	9.959	9.950	9.989	VV	277	3190	0.12%	0.004%
239	10.020	9.989	10.026	PV	772	5427	0.21%	0.007%
240	10.051	10.026	10.153	VV	71805	963980	37.63%	1.220%
241	10.184	10.153	10.275	VV	168597	1922744	75.05%	2.434%
242	10.286	10.275	10.319	VV	939	18371	0.72%	0.023%
243	10.322	10.319	10.337	VV	460	4452	0.17%	0.006%
244	10.353	10.337	10.409	VV	442	13503	0.53%	0.017%
245	10.412	10.409	10.425	VV	239	1975	0.08%	0.003%
246	10.431	10.425	10.469	VV	216	4427	0.17%	0.006%

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247	10.490	10.469	10.497	VV	404	4657	0.18%	0.006%
248	10.524	10.497	10.597	VV	11512	155039	6.05%	0.196%
249	10.618	10.597	10.648	VV	475	11100	0.43%	0.014%
250	10.664	10.648	10.685	VV	374	5432	0.21%	0.007%
251	10.710	10.685	10.727	VV	376	4996	0.19%	0.006%
252	10.746	10.727	10.756	VV	202	2066	0.08%	0.003%
253	10.772	10.756	10.783	VV	148	1668	0.07%	0.002%
254	10.786	10.783	10.797	VV	139	740	0.03%	0.001%
255	10.807	10.797	10.816	VV	143	825	0.03%	0.001%
256	10.851	10.816	10.864	PV	437	6125	0.24%	0.008%
257	10.881	10.864	10.900	VV	741	10862	0.42%	0.014%
258	10.904	10.900	10.909	VV	410	1798	0.07%	0.002%
259	10.927	10.909	10.936	VV	1152	13142	0.51%	0.017%
260	10.950	10.936	10.972	VV	2020	27765	1.08%	0.035%
261	10.989	10.972	11.008	VV	763	14549	0.57%	0.018%
262	11.015	11.008	11.039	VV	731	10105	0.39%	0.013%
263	11.051	11.039	11.070	VV	493	7207	0.28%	0.009%
264	11.078	11.070	11.085	VV	350	2632	0.10%	0.003%
265	11.102	11.085	11.129	VV	570	9867	0.39%	0.012%
266	11.150	11.129	11.162	VV	1752	20104	0.78%	0.025%
267	11.181	11.162	11.190	VV	7656	81473	3.18%	0.103%
268	11.201	11.190	11.242	VV	9054	129172	5.04%	0.164%
269	11.261	11.242	11.285	VV	1791	31973	1.25%	0.040%
270	11.299	11.285	11.329	VV	876	15599	0.61%	0.020%
271	11.341	11.329	11.370	VV	665	9783	0.38%	0.012%
272	11.375	11.370	11.390	VV	409	3325	0.13%	0.004%
273	11.396	11.390	11.401	VV	161	838	0.03%	0.001%
274	11.405	11.401	11.414	VV	139	609	0.02%	0.001%
275	11.437	11.414	11.442	VV	439	4274	0.17%	0.005%
276	11.447	11.442	11.470	VV	394	4972	0.19%	0.006%
277	11.489	11.470	11.522	VV	1153	20670	0.81%	0.026%
278	11.536	11.522	11.548	VV	499	6479	0.25%	0.008%
279	11.553	11.548	11.555	VV	351	1478	0.06%	0.002%
280	11.630	11.555	11.681	VV	165686	2011888	78.53%	2.547%
281	11.701	11.681	11.758	VV	7266	117614	4.59%	0.149%
282	11.763	11.758	11.768	VV	487	2841	0.11%	0.004%
283	11.787	11.768	11.803	VV	656	11376	0.44%	0.014%
284	11.824	11.803	11.851	VV	1694	23797	0.93%	0.030%
285	11.880	11.851	11.927	VV	6564	138899	5.42%	0.176%
286	11.943	11.927	11.964	VV	1219	20017	0.78%	0.025%
287	11.987	11.964	12.003	VV	1379	21423	0.84%	0.027%
288	12.035	12.003	12.079	VV	2419	77733	3.03%	0.098%
289	12.102	12.079	12.125	VV	2307	44650	1.74%	0.057%
290	12.156	12.125	12.220	VV	3558	97225	3.79%	0.123%
291	12.242	12.220	12.262	VV	1151	25318	0.99%	0.032%
292	12.317	12.262	12.346	VV	3226	95413	3.72%	0.121%
293	12.362	12.346	12.371	VV	2088	29335	1.14%	0.037%
294	12.400	12.371	12.441	VV	15112	276846	10.81%	0.351%
295	12.461	12.441	12.495	VV	5508	116724	4.56%	0.148%
296	12.509	12.495	12.525	VV	2550	43800	1.71%	0.055%
297	12.562	12.525	12.618	VV	169738	2425487	94.67%	3.071%
298	12.624	12.618	12.644	VV	4891	68484	2.67%	0.087%
299	12.660	12.644	12.666	VV	3872	49344	1.93%	0.062%

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300	12.681	12.666	12.712	VV	4195	102260	3.99%	0.129%
301	12.722	12.712	12.744	VV	3628	64167	2.50%	0.081%
302	12.801	12.744	12.823	VV	4861	176881	6.90%	0.224%
303	12.849	12.823	12.902	VV	6070	232920	9.09%	0.295%
304	12.943	12.902	12.978	VV	164441	2069324	80.77%	2.620%
305	13.003	12.978	13.064	VV	26395	572757	22.36%	0.725%
306	13.087	13.064	13.119	VV	6018	175604	6.85%	0.222%
307	13.151	13.119	13.163	VV	5171	127844	4.99%	0.162%
308	13.184	13.163	13.220	VV	7711	219032	8.55%	0.277%
309	13.227	13.220	13.250	VV	5380	95536	3.73%	0.121%
310	13.263	13.250	13.270	VV	5389	64143	2.50%	0.081%
311	13.301	13.270	13.332	VV	22103	407408	15.90%	0.516%
312	13.358	13.332	13.381	VV	8905	224730	8.77%	0.285%
313	13.401	13.381	13.427	VV	7630	190138	7.42%	0.241%
314	13.433	13.427	13.448	VV	6363	77814	3.04%	0.099%
315	13.490	13.448	13.520	VV	8278	315230	12.30%	0.399%
316	13.572	13.520	13.609	VV	18105	626973	24.47%	0.794%
317	13.624	13.609	13.644	VV	17459	310618	12.12%	0.393%
318	13.648	13.644	13.676	VV	13520	226837	8.85%	0.287%
319	13.683	13.676	13.699	VV	9984	131055	5.12%	0.166%
320	13.719	13.699	13.741	VV	10434	246250	9.61%	0.312%
321	13.788	13.741	13.848	VV	64105	1300914	50.78%	1.647%
322	13.870	13.848	13.878	VV	11109	190936	7.45%	0.242%
323	13.898	13.878	13.931	VV	12449	351276	13.71%	0.445%
324	13.938	13.931	13.944	VV	10000	72500	2.83%	0.092%
325	13.953	13.944	13.957	VV	10209	77328	3.02%	0.098%
326	13.968	13.957	13.980	VV	10467	142761	5.57%	0.181%
327	14.003	13.980	14.025	VV	11815	298204	11.64%	0.378%
328	14.043	14.025	14.059	VV	11584	227829	8.89%	0.288%
329	14.096	14.059	14.113	VV	12674	378736	14.78%	0.480%
330	14.145	14.113	14.183	VV	161044	2347816	91.64%	2.973%
331	14.196	14.183	14.214	VV	12515	223640	8.73%	0.283%
332	14.217	14.214	14.222	VV	11497	57863	2.26%	0.073%
333	14.228	14.222	14.235	VV	11482	85520	3.34%	0.108%
334	14.265	14.235	14.293	VV	13222	415889	16.23%	0.527%
335	14.304	14.293	14.320	VV	11894	191781	7.49%	0.243%
336	14.364	14.320	14.407	VV	13177	607248	23.70%	0.769%
337	14.471	14.442	14.487	VV	13897	334724	13.06%	0.424%
338	14.494	14.487	14.498	VV	11606	74401	2.90%	0.094%
339	14.510	14.498	14.517	VV	11758	131371	5.13%	0.166%
340	14.610	14.587	14.630	VV	12597	315705	12.32%	0.400%
341	14.653	14.630	14.684	VV	12682	380123	14.84%	0.481%
342	14.772	14.760	14.795	VV	11411	234054	9.14%	0.296%
343	14.818	14.795	14.862	VV	13407	455197	17.77%	0.576%
344	14.878	14.862	14.908	VV	11531	291675	11.38%	0.369%
345	14.932	14.908	14.987	VV	11705	475811	18.57%	0.602%
346	15.047	14.987	15.086	VV	99286	1771238	69.13%	2.243%
347	15.105	15.086	15.130	VV	8981	213986	8.35%	0.271%
348	15.135	15.130	15.157	VV	7583	121917	4.76%	0.154%
349	15.189	15.157	15.210	VV	14401	330946	12.92%	0.419%
350	15.252	15.210	15.282	VV	153853	2252335	87.91%	2.852%
351	15.294	15.282	15.328	VV	7399	174900	6.83%	0.221%

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352	15.350	15.328	15.373	VV	6711	153687	6.00%	0.195%
353	15.377	15.373	15.415	VV	5191	118368	4.62%	0.150%
354	15.420	15.415	15.446	VV	4540	81657	3.19%	0.103%
355	15.453	15.446	15.477	VV	4321	77081	3.01%	0.098%
356	15.506	15.477	15.527	VV	4401	124246	4.85%	0.157%
357	15.536	15.527	15.574	VV	4093	103712	4.05%	0.131%
358	15.583	15.574	15.601	VV	3459	53776	2.10%	0.068%
359	15.633	15.601	15.720	VV	54472	1116844	43.59%	1.414%
360	15.730	15.720	15.747	VV	3651	52938	2.07%	0.067%
361	15.791	15.747	15.817	VV	29554	554819	21.66%	0.702%
362	15.842	15.817	15.888	VV	4525	148797	5.81%	0.188%
363	15.902	15.888	15.935	VV	2560	56408	2.20%	0.071%
364	15.952	15.935	15.972	VV	1687	30997	1.21%	0.039%
365	15.998	15.972	16.020	VV	2422	58307	2.28%	0.074%
366	16.030	16.020	16.077	VV	2231	58357	2.28%	0.074%
367	16.095	16.077	16.123	VV	1827	37817	1.48%	0.048%
368	16.155	16.123	16.210	VV	3171	91543	3.57%	0.116%
369	16.238	16.210	16.245	VV	2443	35146	1.37%	0.044%
370	16.276	16.245	16.315	VV	143019	1862069	72.68%	2.358%
371	16.338	16.315	16.364	VV	4444	61845	2.41%	0.078%
372	16.368	16.364	16.385	VV	378	3986	0.16%	0.005%
373	16.398	16.385	16.433	VV	289	4500	0.18%	0.006%
374	16.468	16.433	16.490	PV	720	11679	0.46%	0.015%
375	16.505	16.490	16.529	VV	387	6383	0.25%	0.008%
376	16.572	16.529	16.609	VV	1691	42083	1.64%	0.053%
377	16.650	16.609	16.709	VV	29209	571153	22.29%	0.723%
378	16.758	16.709	16.810	VV	28137	554731	21.65%	0.702%
379	16.837	16.810	16.865	VV	5308	86450	3.37%	0.109%
380	16.888	16.865	16.945	VV	2029	37526	1.46%	0.048%
381	16.963	16.945	16.972	PV	306	3122	0.12%	0.004%
382	16.986	16.972	16.997	VV	345	3421	0.13%	0.004%
383	17.075	16.997	17.101	VV	7121	126423	4.93%	0.160%
384	17.135	17.101	17.171	VV	9850	174804	6.82%	0.221%
385	17.230	17.171	17.261	VV	132624	1931655	75.39%	2.446%
386	17.279	17.261	17.288	VV	7491	88563	3.46%	0.112%
387	17.306	17.288	17.339	VV	17905	249528	9.74%	0.316%
388	17.358	17.339	17.364	VV	299	3215	0.13%	0.004%
389	17.375	17.364	17.403	VV	270	4061	0.16%	0.005%
390	17.421	17.403	17.432	PV	259	2654	0.10%	0.003%
391	17.451	17.432	17.455	VV	323	2669	0.10%	0.003%
392	17.468	17.455	17.475	VV	495	4888	0.19%	0.006%
393	17.503	17.475	17.542	VV	1031	28086	1.10%	0.036%
394	17.597	17.542	17.652	VV	33872	703626	27.46%	0.891%
395	17.682	17.652	17.736	VV	64256	968475	37.80%	1.226%
396	17.764	17.736	17.787	VV	4490	76594	2.99%	0.097%
397	17.797	17.787	17.828	VV	1695	25811	1.01%	0.033%
398	17.848	17.828	17.874	VV	1030	15652	0.61%	0.020%
399	17.894	17.874	17.932	PV	770	16229	0.63%	0.021%
400	17.957	17.932	17.995	VV	924	21027	0.82%	0.027%
401	18.012	17.995	18.022	VV	802	9685	0.38%	0.012%
402	18.057	18.022	18.075	VV	3742	81986	3.20%	0.104%
403	18.122	18.075	18.162	VV	140261	1987137	77.56%	2.516%
404	18.210	18.162	18.278	VV	27884	491931	19.20%	0.623%

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405	18.346	18.278	18.378	VV	6017	175604	6.85%	0.222%
406	18.442	18.378	18.449	VV	5624	135912	5.30%	0.172%
407	18.480	18.449	18.522	VV	64295	1418932	55.38%	1.796%
408	18.545	18.522	18.592	VV	61218	1058024	41.30%	1.340%
409	18.640	18.592	18.662	VV	8583	249208	9.73%	0.316%
410	18.679	18.662	18.738	VV	7959	220323	8.60%	0.279%
411	18.765	18.738	18.792	VV	7551	151016	5.89%	0.191%
412	18.814	18.792	18.825	VV	3418	62408	2.44%	0.079%
413	18.845	18.825	18.877	VV	4119	105177	4.11%	0.133%
414	18.958	18.877	19.013	VV	150770	2562059	100.00%	3.244%
415	19.058	19.013	19.172	VV	29173	876842	34.22%	1.110%
416	19.182	19.172	19.186	VV	3430	29080	1.14%	0.037%
417	19.231	19.186	19.253	VV	10146	246389	9.62%	0.312%
418	19.277	19.253	19.284	VV	7445	124198	4.85%	0.157%
419	19.313	19.284	19.337	VV	43097	863985	33.72%	1.094%
420	19.356	19.337	19.407	VV	41897	978253	38.18%	1.239%
421	19.453	19.407	19.471	VV	10362	350885	13.70%	0.444%
422	19.484	19.471	19.513	VV	9191	191004	7.46%	0.242%
423	19.518	19.513	19.524	VV	5075	32939	1.29%	0.042%
424	19.556	19.524	19.572	VV	6610	167766	6.55%	0.212%
425	19.597	19.572	19.626	VV	10347	266357	10.40%	0.337%
426	19.646	19.626	19.689	VV	9680	252420	9.85%	0.320%
427	19.744	19.689	19.788	VV	141995	2329186	90.91%	2.949%
428	19.801	19.788	19.822	VV	11927	202929	7.92%	0.257%
429	19.853	19.822	19.882	VV	14650	356787	13.93%	0.452%
430	19.910	19.882	19.925	VV	7757	181702	7.09%	0.230%
431	19.936	19.925	19.969	VV	7681	179020	6.99%	0.227%
432	20.118	20.056	20.141	VV	23232	757334	29.56%	0.959%
433	20.148	20.141	20.190	VV	12990	284874	11.12%	0.361%
434	20.215	20.190	20.232	VV	7520	185316	7.23%	0.235%
435	20.322	20.279	20.335	VV	9489	296514	11.57%	0.375%
436	20.360	20.335	20.370	VV	10477	208729	8.15%	0.264%
437	20.392	20.370	20.433	VV	12374	388424	15.16%	0.492%
438	20.487	20.433	20.538	VV	129308	2399535	93.66%	3.038%
439	20.544	20.538	20.547	VV	7319	38716	1.51%	0.049%
440	20.556	20.547	20.562	VV	7427	66179	2.58%	0.084%
441	20.602	20.562	20.617	VV	8848	264892	10.34%	0.335%
442	20.645	20.617	20.678	VV	14560	404679	15.80%	0.512%
443	20.714	20.678	20.739	VV	10716	358363	13.99%	0.454%
444	20.741	20.739	20.794	VV	9148	271567	10.60%	0.344%
445	20.848	20.794	20.877	VV	14629	503645	19.66%	0.638%
446	20.961	20.940	20.965	VV	7599	114201	4.46%	0.145%
447	20.971	20.965	20.990	VV	7480	110499	4.31%	0.140%
448	21.026	20.990	21.054	VV	9111	318953	12.45%	0.404%
449	21.080	21.054	21.088	VV	9037	181927	7.10%	0.230%
450	21.098	21.088	21.127	VV	8789	189498	7.40%	0.240%
451	21.243	21.195	21.316	VV	105251	2226883	86.92%	2.819%
452	21.342	21.316	21.367	VV	4656	138834	5.42%	0.176%
453	21.389	21.367	21.417	VV	4658	133974	5.23%	0.170%
454	21.456	21.417	21.512	VV	4680	251724	9.83%	0.319%
455	21.540	21.512	21.620	VV	4811	276251	10.78%	0.350%
456	21.628	21.620	21.638	VV	3704	37634	1.47%	0.048%

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457	21.719	21.715	21.731	VV	3508	33989	1.33%	0.043%
458	21.736	21.731	21.740	VV	3404	18195	0.71%	0.023%
459	21.791	21.786	21.816	VV	3053	53112	2.07%	0.067%
460	21.823	21.816	21.861	VV	2765	66623	2.60%	0.084%
461	21.867	21.861	21.881	VV	2305	26478	1.03%	0.034%
462	21.886	21.881	21.899	VV	2129	21867	0.85%	0.028%
463	21.918	21.899	21.967	VV	2791	96935	3.78%	0.123%
464	21.997	21.967	22.022	VV	2772	82906	3.24%	0.105%
465	22.025	22.022	22.037	VV	2367	20255	0.79%	0.026%
466	22.041	22.037	22.064	VV	2166	33001	1.29%	0.042%
467	22.082	22.064	22.112	VV	1938	49573	1.93%	0.063%
468	22.184	22.112	22.291	VV	76432	1919563	74.92%	2.430%
469	22.297	22.291	22.300	PBA	160	8767	0.34%	0.011%
					Sum of corrected areas:	78983468		

FF102925.M Fri Nov 21 02:26:51 2025

Manual Integration Report

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

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 # FF112025

Review By	rahul	Review On	11/20/2025 4:49:18 PM
Supervise By		Supervise On	
SubDirectory	FF112025	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	FF016757.D	20 Nov 2025 15:41	YP\AJ	Ok
2	I.BLK	FF016758.D	20 Nov 2025 16:12	YP\AJ	Ok
3	50 PPM TRPH STD	FF016759.D	20 Nov 2025 16:41	YP\AJ	Ok,NR
4	RT MARKER	FF016760.D	20 Nov 2025 17:15	YP\AJ	Ok,NR
5	PB170659BL	FF016761.D	20 Nov 2025 17:45	YP\AJ	Ok
6	PB170659BS	FF016762.D	20 Nov 2025 18:14	YP\AJ	Ok,NR
7	Q3530-04	FF016763.D	20 Nov 2025 18:44	YP\AJ	Ok
8	Q3530-04	FF016764.D	20 Nov 2025 19:13	YP\AJ	Ok,NR
9	Q3530-05	FF016765.D	20 Nov 2025 19:42	YP\AJ	Ok,NR
10	Q3661-01	FF016766.D	20 Nov 2025 20:12	YP\AJ	Ok
11	Q3661-01MS	FF016767.D	20 Nov 2025 20:41	YP\AJ	Ok,NR
12	Q3661-01MSD	FF016768.D	20 Nov 2025 21:10	YP\AJ	Ok,NR
13	PB170661BL	FF016769.D	20 Nov 2025 21:40	YP\AJ	Ok
14	Q3530-10	FF016770.D	20 Nov 2025 22:09	YP\AJ	Ok
15	Q3530-10	FF016771.D	20 Nov 2025 22:39	YP\AJ	Ok,NR
16	Q3530-11	FF016772.D	20 Nov 2025 23:08	YP\AJ	Ok,NR
17	I.BLK	FF016773.D	20 Nov 2025 23:37	YP\AJ	Ok
18	50 PPM TRPH STD	FF016774.D	21 Nov 2025 00:06	YP\AJ	Ok,NR

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 # FF112025

Review By	rahul	Review On	11/20/2025 4:49:18 PM
Supervise By		Supervise On	
SubDirectory	FF112025	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		FF016757.D	20 Nov 2025 15:41		YPIAJ	Ok
2	I.BLK		FF016758.D	20 Nov 2025 16:12		YPIAJ	Ok
3	50 PPM TRPH STD		FF016759.D	20 Nov 2025 16:41		YPIAJ	Ok,NR
4	RT MARKER		FF016760.D	20 Nov 2025 17:15		YPIAJ	Ok,NR
5	PB170659BL		FF016761.D	20 Nov 2025 17:45		YPIAJ	Ok
6	PB170659BS		FF016762.D	20 Nov 2025 18:14		YPIAJ	Ok,NR
7	Q3530-04		FF016763.D	20 Nov 2025 18:44	0.05 PPM SOIL LOD	YPIAJ	Ok
8	Q3530-04		FF016764.D	20 Nov 2025 19:13	0.125 PPM SOIL LOD	YPIAJ	Ok,NR
9	Q3530-05		FF016765.D	20 Nov 2025 19:42	0.25 PPM SOIL MDL	YPIAJ	Ok,NR
10	Q3661-01		FF016766.D	20 Nov 2025 20:12		YPIAJ	Ok
11	Q3661-01MS		FF016767.D	20 Nov 2025 20:41		YPIAJ	Ok,NR
12	Q3661-01MSD		FF016768.D	20 Nov 2025 21:10		YPIAJ	Ok,NR
13	PB170661BL		FF016769.D	20 Nov 2025 21:40		YPIAJ	Ok
14	Q3530-10		FF016770.D	20 Nov 2025 22:09	0.05 PPM WATER LOD	YPIAJ	Ok
15	Q3530-10		FF016771.D	20 Nov 2025 22:39	0.125 PPM WATER LOD	YPIAJ	Ok,NR
16	Q3530-11		FF016772.D	20 Nov 2025 23:08	0.25 PPM WATER MDL	YPIAJ	Ok,NR
17	I.BLK		FF016773.D	20 Nov 2025 23:37		YPIAJ	Ok
18	50 PPM TRPH STD		FF016774.D	21 Nov 2025 00:06		YPIAJ	Ok,NR

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF112025

Review By	rahul	Review On	11/20/2025 4:49:18 PM
Supervise By		Supervise On	
SubDirectory	FF112025	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	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/18/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/17/2025
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: 11/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137921

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
Q3652-01	TP-1	1	1.15	10.42	11.57	10.16	86.5	
Q3652-02	TP-1-EPH	2	1.16	11.36	12.52	10.5	82.2	
Q3652-03	TP-1-VOC	3	1.11	10.55	11.66	9.88	83.1	
Q3654-01	1A1B1C	4	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3654-02	2A2B2C	5	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3656-01	T2-GRAVEL	6	1.18	10.65	11.83	9.59	79.0	
Q3656-02	T2-GRAVEL-E2	7	1.19	10.52	11.71	10.17	85.4	
Q3657-01	SEWAREN-CONCRETE	8	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3658-01	NB-07-111725	9	1.13	10.20	11.33	10.4	90.9	
Q3658-02	NB-07-111725-E2	10	1.14	11.04	12.18	11.34	92.4	
Q3659-01	TANK-1-COMP-1	11	1.15	10.57	11.72	11.71	99.9	
Q3659-02	TANK-1-COMP-2	12	1.15	10.43	11.58	11.55	99.7	
Q3661-01	WASTE	13	1.15	10.83	11.98	9.89	80.7	
Q3661-02	VOC	14	1.15	11.74	12.89	10.28	77.8	
Q3661-03	1	15	1.19	10.12	11.31	8.83	75.5	
Q3661-04	2	16	1.19	10.99	12.18	9.86	78.9	
Q3661-05	3	17	1.12	11.28	12.4	9.96	78.4	
Q3661-06	4	18	1.14	11.20	12.34	9.79	77.2	
Q3661-07	5	19	1.11	10.45	11.56	9.23	77.7	
Q3661-07D	5DUP	20	1.13	10.47	11.6	9.38	78.8	

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

WORKLIST(Hardcopy Internal Chain)

137921

WorkList Name : %1-111725

WorkList ID : 193153

Department : Wet-Chemistry

Date : 11-17-2025 10:37:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3652-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3652-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3652-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3654-01	1A1B1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	A11	11/13/2025	Chemtech -SO
Q3654-02	2A2B2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	A11	11/13/2025	Chemtech -SO
Q3656-01	T2-GRAVEL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3656-02	T2-GRAVEL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3657-01	SEWAREN-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/17/2025	Chemtech -SO
Q3658-01	NB-07-111725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/17/2025	Chemtech -SO
Q3658-02	NB-07-111725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/17/2025	Chemtech -SO
Q3659-01	TANK-1-COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG04	D41	11/17/2025	Chemtech -SO
Q3659-02	TANK-1-COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG04	D41	11/17/2025	Chemtech -SO
Q3661-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO
Q3661-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	A11	11/17/2025	Chemtech -SO

Date/Time 11/17/25 15:30

Raw Sample Received by: SO 100%

Raw Sample Relinquished by: SO 100%

Date/Time

11/17/25

Raw Sample Received by:

Raw Sample Relinquished by:

17:35
SO 100%

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: EH **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 11/20/2025

Extraction Start Time : 09:02

Extraction End Date : 11/20/2025

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP25013
Surrogate	1.0ML	20 PPM	PP25071
LOD	0.05ML	20 PPM	PP25013
LOD	0.125ML	20 PPM	PP25013
LOQ	0.25ML	20 PPM	PP25013

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Methylene Chloride	N/A	E3986
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 **Envap ID:** NEVAP-02

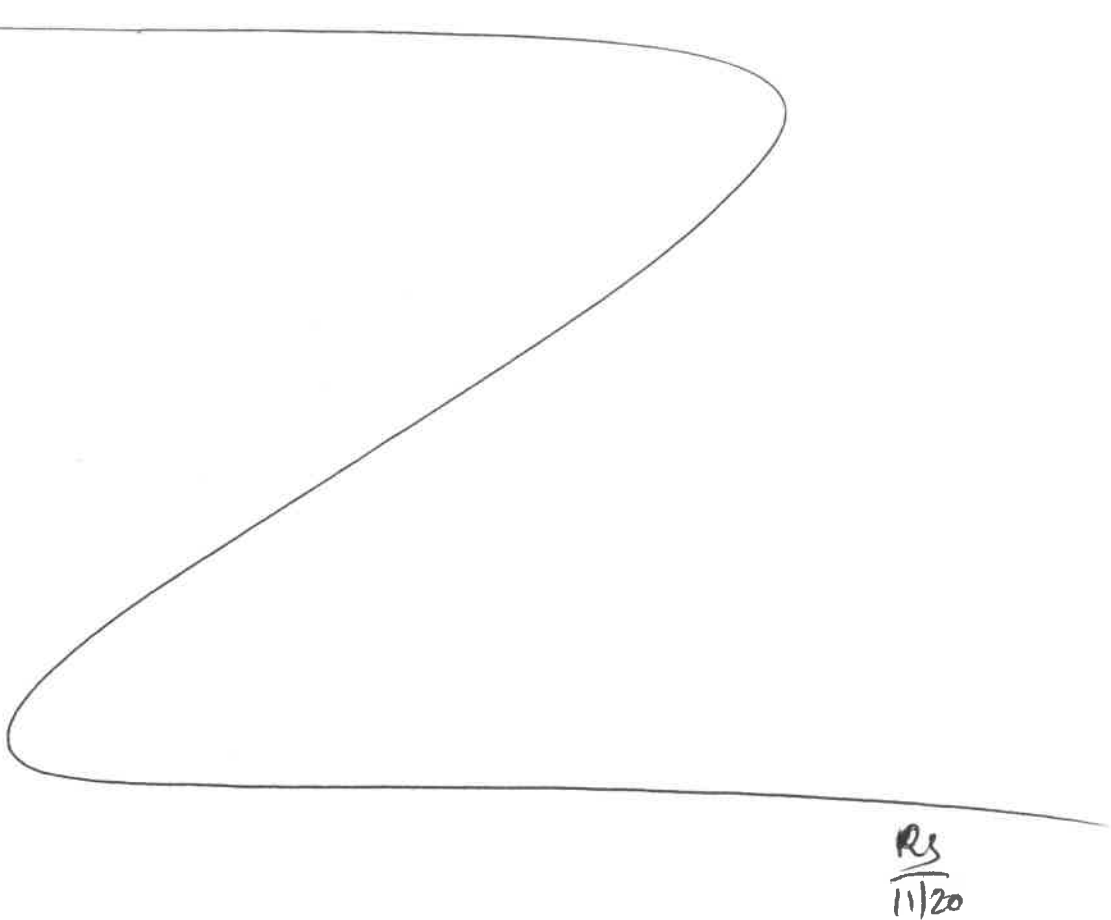
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/25 12:05	RS (Ext-66)	R. Pesh/PUB Lab
	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/20/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170659BL	PB170659BL	TPH GC	30.01	N/A	ritesh	Evelyn	1			U6-1
PB170659BS	PB170659BS	TPH GC	30.03	N/A	ritesh	Evelyn	1			2
Q3530-04	LOD-MDL-SOIL-04-QT4-2 025 0.05mL	TPH GC	30.02	N/A	ritesh	Evelyn	1			3
Q3530-05	LOQ-SOIL-05-QT4-2025 0.25mL	TPH GC	30.03	N/A	ritesh	Evelyn	1			4
Q3661-01	WASTE	TPH GC	30.04	N/A	ritesh	Evelyn	1			5
Q3661-01MS	WASTEMS	TPH GC	30.07	N/A	ritesh	Evelyn	1			6
Q3661-01MS D	WASTEMSD	TPH GC	30.09	N/A	ritesh	Evelyn	1			U1-1
Q3530-04	LOD-SOIL-QT4-2025 0.125mL	1	30.05	1	1	1	1			2



Rs
11/20

170659
9-22-2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3661TPH WorkList ID : 193247 Department : Extraction Date : 11-20-2025 08:53:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-14	HW1025-PT-DJES-SOIL	Solid	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	10/27/2025	8015D
Q3530-01	LOD-MDL-SOIL-01-QT4-2025	Solid	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-02	LOQ-SOIL-02-QT4-2025	Solid	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-04	LOD-MDL-SOIL-04-QT4-2025	Solid	TPH GC	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-05	LOQ-SOIL-05-QT4-2025	Solid	TPH GC	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-08	LOQ-WATER-02-QT4-2025	Water	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-10	LOD-MDL-WATER-04-QT4-202	Water	TPH GC	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3530-11	LOQ-WATER-05-QT4-2025	Water	TPH GC	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8015D
Q3661-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	A11	11/17/2025	8015D

Date/Time 11/20/25 8:57
Raw Sample Received by: RJ (Ext 666)
Raw Sample Relinquished by: CP 8

Date/Time 11/20/25 9:10
Raw Sample Received by: CP 8
Raw Sample Relinquished by: RJ (Ext 666)



SHIPPING DOCUMENTS

23661

186 Arlington Blvd.

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number

COC Number

North Arlington

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION											
Report to be sent to:			PROJECT NAME:			BILL TO:											
COMPANY:			PROJECT #:			PO#:											
ADDRESS:			LOCATION:			ADDRESS:											
CITY:			PROJECT MANAGER:			CITY:											
STATE:			E-MAIL:			STATE:											
ZIP:			PHONE:			ZIP:											
ATTENTION:			FAX:			ATTENTION:											
PHONE:			PHONE:			PHONE:											
FAX:			FAX:			FAX:											
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														
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	
			OTHER	ORAG	DATE	TIME	1	2	3	4	5	6	7	8	9	Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	WASTE				11/17	2		X									
2.	VOC					8:30			X								
3.	1					9:45				X							
4.	2					9:30				X							
5.	3					9:30				X							
6.	4					10:15				X							
7.	5					10				X							
8.																	
9.																	
10.																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or cokers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP														
1.	11-17-2025	1. [Signature]	Comments: 3.4°C 3.4°C + 0 = 3.4°C														
RELINQUISHED BY	DATE/TIME	RECEIVED BY															
2.		2.															
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	Page _____ of _____														
3.	11-17-2025	3. [Signature]	CLIENT: ☐ Hand Delivered ☐ Other: _____														
			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 : Q3661	SCIA01	Order Date : 11/17/2025 2:41:00 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 186 Arlington Blvd, North /	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 11/17/2025 3:15:00 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
Q3661-02	VOC	Solid	11/17/2025	08:35	VOC-TCLVOA-10		8260D	10 Bus. Days	

JAN

*Stored in VOA
FRZ # 02 after preservation*

Relinquished By : *[Signature]*
Date / Time : 11-17-2025 1540

Received By : *[Signature]*
Date / Time : 11-17-25 15:40

Storage Area : VOA Refridgerator Room