

Cover Page

Order ID : Q2473

Project ID : NOHO RFI No. SC64025 NYC

Client : JPCL Engineering

Lab Sample Number

Q2473-01
Q2473-02
Q2473-03
Q2473-04
Q2473-05
Q2473-06
Q2473-07
Q2473-08

Client Sample Number

PIT#1
PIT#2
PIT#3
PIT#4
PIT#1
PIT#2
PIT#3
PIT#4

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

Signature : _____

Date: 7/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2473

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 07/12/2025

LAB CHRONICLE

OrderID:	Q2473	OrderDate:	7/1/2025 12:14:15 PM
Client:	JPCL Engineering	Project:	NOHO RFI No. SC64025 NYC
Contact:	Paul Rotondi	Location:	--Select--,A12,A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2473-01	PIT#1	SOIL			07/01/25			07/01/25
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
			TPH GC	8015D		07/10/25	07/10/25	
Q2473-02	PIT#2	SOIL			07/01/25			07/01/25
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
			TPH GC	8015D		07/10/25	07/10/25	
			TPH GC	8015D		07/10/25	07/11/25	
Q2473-03	PIT#3	SOIL			07/01/25			07/01/25
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
			TPH GC	8015D		07/10/25	07/10/25	
			TPH GC	8015D		07/10/25	07/11/25	
Q2473-04	PIT#4	SOIL			07/01/25			07/01/25
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
			TPH GC	8015D		07/10/25	07/10/25	



QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: JPCL Engineering

Lab Code: ACE

SDG No.: Q2473

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016136.D	101				0
PIBLK-FF016144.D	107				0
PIBLK-FG016271.D	95				0
PIBLK-FG016271.D	96				0
PIBLK-FG016280.D	96				0
PIBLK-FG016289.D	119				0
PIBLK-FG016294.D	93				0
PB168785BL	93				0
PB168785BS	94				0
PIT#1	75				0
PIT#2	68				0
PIT#3	56				0
PIT#4	79				0
PIT#4MS	62				0
PIT#4MSD	62				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: Alliance

Client: JPCL Engineering

Lab Code: ACE

SDG No: Q2473

Client Sample ID : PIT#4MS

Datafile: FF016140.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12475	17300	26567	74%		68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: JPCL Engineering

Lab Code: ACE

SDG No: Q2473

Client Sample ID : PIT#4MSD

Datafile: FF016141.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	12487	17300	27090	78%		68-131

MS/MSD % Recovery RPD : 5.4

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

Lab Name: Alliance

Client: JPCL Engineering

Lab Code: ACE

SDG No: Q2473

Client Sample ID : PB168785BS

Datafile: FG016275.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11330	0	9997	88	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB168785BL

Lab Name: Alliance

Contract: JPCL01

Lab Code: ACE

SDG NO.: Q2473

Lab File ID: FG016274.D

Lab Sample ID: PB168785BL

Instrument ID: FG

Date Extracted: 07/10/2025

Matrix: (soil/water) Soil

Date Analyzed: 07/10/25

Level: (low/med) low

Time Analyzed: 13:43

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PIT#4	Q2473-04	FF016139.D	07/10/25
PIT#4MS	Q2473-04MS	FF016140.D	07/10/25
PIT#4MSD	Q2473-04MSD	FF016141.D	07/10/25
PB168785BS	PB168785BS	FG016275.D	07/10/25
PIT#1	Q2473-01	FG016277.D	07/10/25
PIT#2	Q2473-02	FG016292.D	07/11/25
PIT#3	Q2473-03	FG016293.D	07/11/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#1	SDG No.:	Q2473
Lab Sample ID:	Q2473-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016277.D	10	07/10/25 09:00	07/10/25 15:42	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	133000		4260	31400	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.50		37 - 130	75%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016277.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 15:42
Operator : YP\AJ
Sample : Q2473-01 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#1

Integration File: autoint1.e
Quant Time: Jul 11 04:14:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.201	149654	1.497 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

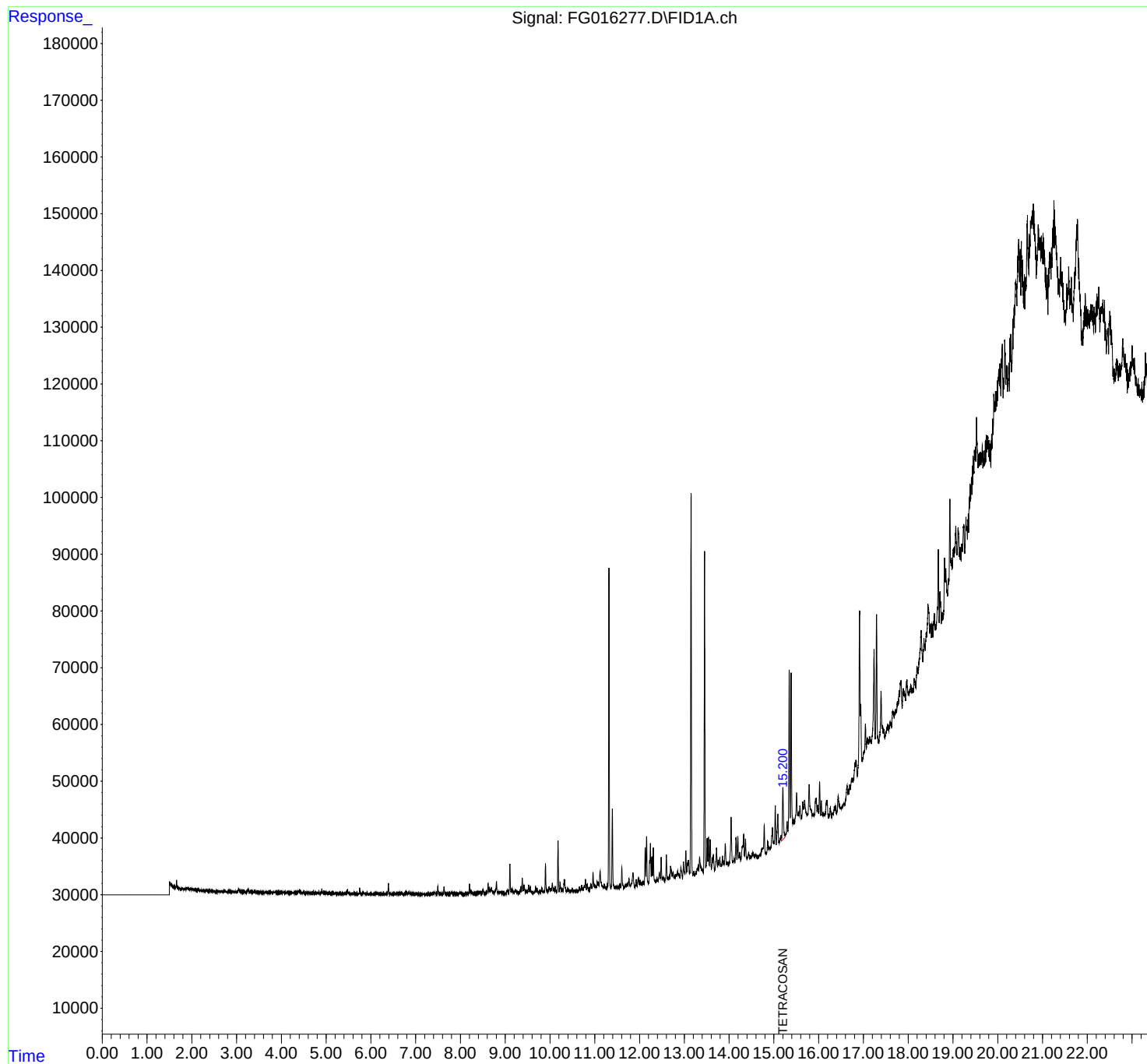
(m)=manual int.

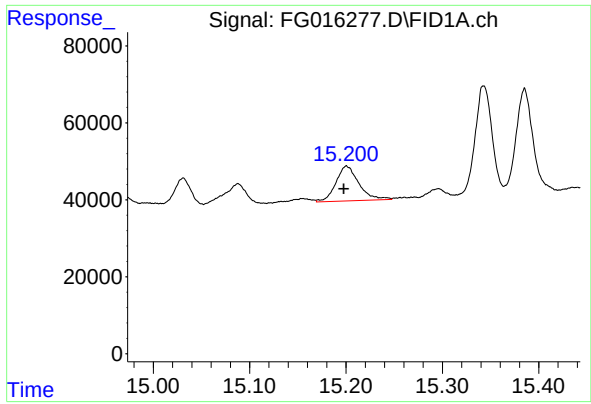
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016277.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 15:42
Operator : YP\AJ
Sample : Q2473-01 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#1

Integration File: autoint1.e
Quant Time: Jul 11 04:14:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.201 min
Delta R.T.: 0.003 min
Response: 149654
Conc: 1.50 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016277.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 15:42
 Sample : Q2473-01 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.007	2.000	2.057	BV	94	583	0.03%	0.002%
2	2.065	2.057	2.093	PV	91	967	0.04%	0.003%
3	2.115	2.093	2.119	PV	140	985	0.04%	0.003%
4	2.123	2.119	2.130	VV	124	521	0.02%	0.001%
5	2.133	2.130	2.153	VV	113	822	0.04%	0.002%
6	2.167	2.153	2.176	PV	131	1074	0.05%	0.003%
7	2.182	2.176	2.192	VV	124	710	0.03%	0.002%
8	2.196	2.192	2.212	VV	177	867	0.04%	0.002%
9	2.222	2.212	2.249	PV	144	1530	0.07%	0.004%
10	2.254	2.249	2.260	PV	89	437	0.02%	0.001%
11	2.264	2.260	2.272	VV	86	535	0.02%	0.001%
12	2.282	2.272	2.295	VV	110	1182	0.05%	0.003%
13	2.298	2.295	2.303	VV	126	453	0.02%	0.001%
14	2.308	2.303	2.319	VV	122	748	0.03%	0.002%
15	2.325	2.319	2.362	VV	228	3435	0.15%	0.009%
16	2.376	2.362	2.393	VV	173	1791	0.08%	0.005%
17	2.416	2.393	2.433	VV	254	4196	0.19%	0.011%
18	2.436	2.433	2.446	VV	168	824	0.04%	0.002%
19	2.459	2.446	2.496	VV	256	3359	0.15%	0.009%
20	2.499	2.496	2.503	VV	129	250	0.01%	0.001%
21	2.508	2.503	2.518	VV	97	450	0.02%	0.001%
22	2.524	2.518	2.532	VV	99	458	0.02%	0.001%
23	2.549	2.532	2.573	PV	136	1803	0.08%	0.005%
24	2.593	2.573	2.598	VV	133	1167	0.05%	0.003%
25	2.602	2.598	2.625	VV	162	1722	0.08%	0.005%
26	2.632	2.625	2.653	VV	191	1549	0.07%	0.004%
27	2.670	2.653	2.687	VV	158	2029	0.09%	0.005%
28	2.692	2.687	2.697	VV	161	641	0.03%	0.002%
29	2.707	2.697	2.727	VV	215	2370	0.11%	0.006%
30	2.740	2.727	2.757	VV	307	3511	0.16%	0.009%
31	2.760	2.757	2.767	VV	142	704	0.03%	0.002%
32	2.771	2.767	2.778	VV	119	466	0.02%	0.001%
33	2.782	2.778	2.802	PV	156	1132	0.05%	0.003%
34	2.819	2.802	2.861	PV	322	6568	0.29%	0.018%
35	2.865	2.861	2.883	VV	204	1455	0.07%	0.004%
36	2.896	2.883	2.917	VV	201	2620	0.12%	0.007%

					rteres			
37	2.921	2.917	2.932	VV	182	1146	0.05%	0.003%
38	2.936	2.932	2.948	VV	179	1168	0.05%	0.003%
39	2.956	2.948	2.960	VV	116	680	0.03%	0.002%
40	2.965	2.960	2.972	VV	201	926	0.04%	0.002%
41	2.982	2.972	2.994	VV	214	1421	0.06%	0.004%
42	2.999	2.994	3.008	VV	121	877	0.04%	0.002%
43	3.047	3.008	3.086	VV	669	14517	0.65%	0.039%
44	3.101	3.086	3.123	VV	319	4370	0.20%	0.012%
45	3.136	3.123	3.155	VV	194	3109	0.14%	0.008%
46	3.160	3.155	3.172	VV	185	1523	0.07%	0.004%
47	3.177	3.172	3.184	VV	201	1030	0.05%	0.003%
48	3.190	3.184	3.215	VV	181	2700	0.12%	0.007%
49	3.223	3.215	3.238	VV	210	1801	0.08%	0.005%
50	3.254	3.238	3.293	VV	703	11020	0.49%	0.030%
51	3.307	3.293	3.321	VV	210	2804	0.13%	0.008%
52	3.326	3.321	3.333	VV	150	863	0.04%	0.002%
53	3.335	3.333	3.355	VV	224	1881	0.08%	0.005%
54	3.360	3.355	3.373	VV	162	1553	0.07%	0.004%
55	3.381	3.373	3.388	VV	222	1282	0.06%	0.003%
56	3.395	3.388	3.441	VV	413	5532	0.25%	0.015%
57	3.454	3.441	3.460	VV	254	2140	0.10%	0.006%
58	3.465	3.460	3.474	VV	238	1611	0.07%	0.004%
59	3.479	3.474	3.494	VV	223	1904	0.09%	0.005%
60	3.505	3.494	3.518	PV	213	1650	0.07%	0.004%
61	3.521	3.518	3.538	VV	153	1473	0.07%	0.004%
62	3.545	3.538	3.555	VV	131	1240	0.06%	0.003%
63	3.564	3.555	3.580	VV	195	1913	0.09%	0.005%
64	3.583	3.580	3.589	VV	157	649	0.03%	0.002%
65	3.593	3.589	3.606	VV	183	1210	0.05%	0.003%
66	3.615	3.606	3.619	VV	196	1089	0.05%	0.003%
67	3.634	3.619	3.640	VV	216	1737	0.08%	0.005%
68	3.651	3.640	3.657	VV	186	1421	0.06%	0.004%
69	3.663	3.657	3.679	VV	148	1436	0.06%	0.004%
70	3.682	3.679	3.688	VV	112	468	0.02%	0.001%
71	3.694	3.688	3.705	VV	141	933	0.04%	0.003%
72	3.725	3.705	3.738	VV	239	2365	0.11%	0.006%
73	3.754	3.738	3.760	VV	292	2010	0.09%	0.005%
74	3.768	3.760	3.783	VV	263	2239	0.10%	0.006%
75	3.786	3.783	3.793	VV	166	813	0.04%	0.002%
76	3.798	3.793	3.807	VV	159	939	0.04%	0.003%
77	3.811	3.807	3.831	VV	164	1572	0.07%	0.004%
78	3.835	3.831	3.841	VV	165	583	0.03%	0.002%
79	3.854	3.841	3.861	VV	180	1554	0.07%	0.004%
80	3.866	3.861	3.872	VV	156	939	0.04%	0.003%
81	3.876	3.872	3.888	VV	159	1188	0.05%	0.003%
82	3.902	3.888	3.914	VV	220	2305	0.10%	0.006%
83	3.923	3.914	3.946	VV	182	2492	0.11%	0.007%
84	3.950	3.946	3.955	VV	204	711	0.03%	0.002%
85	3.960	3.955	3.967	VV	134	823	0.04%	0.002%
86	4.005	3.967	4.012	VV	226	4190	0.19%	0.011%
87	4.021	4.012	4.060	VV	211	4105	0.18%	0.011%
88	4.062	4.060	4.075	VV	184	1027	0.05%	0.003%
89	4.086	4.075	4.147	VV	203	6616	0.30%	0.018%

					rteres			
90	4.155	4.147	4.182	VV	128	1953	0.09%	0.005%
91	4.193	4.182	4.260	VV	251	8147	0.37%	0.022%
92	4.264	4.260	4.290	VV	206	2636	0.12%	0.007%
93	4.303	4.290	4.327	VV	212	3549	0.16%	0.010%
94	4.372	4.327	4.406	VV	416	11862	0.53%	0.032%
95	4.416	4.406	4.425	VV	310	3267	0.15%	0.009%
96	4.434	4.425	4.469	VV	292	5085	0.23%	0.014%
97	4.498	4.469	4.543	VV	296	6646	0.30%	0.018%
98	4.548	4.543	4.551	VV	138	474	0.02%	0.001%
99	4.573	4.551	4.606	VV	176	4517	0.20%	0.012%
100	4.611	4.606	4.628	VV	179	1546	0.07%	0.004%
101	4.670	4.628	4.699	VV	307	7107	0.32%	0.019%
102	4.711	4.699	4.722	VV	203	2226	0.10%	0.006%
103	4.726	4.722	4.733	VV	122	801	0.04%	0.002%
104	4.750	4.733	4.815	VV	214	7337	0.33%	0.020%
105	4.819	4.815	4.823	VV	92	443	0.02%	0.001%
106	4.835	4.823	4.881	VV	338	5246	0.24%	0.014%
107	4.903	4.881	4.952	VV	505	9692	0.43%	0.026%
108	4.955	4.952	4.980	VV	159	1942	0.09%	0.005%
109	4.985	4.980	4.994	VV	190	1147	0.05%	0.003%
110	5.043	4.994	5.059	VV	229	5261	0.24%	0.014%
111	5.065	5.059	5.080	VV	177	1595	0.07%	0.004%
112	5.091	5.080	5.103	VV	171	1694	0.08%	0.005%
113	5.114	5.103	5.119	VV	138	994	0.04%	0.003%
114	5.123	5.119	5.149	VV	186	2350	0.11%	0.006%
115	5.159	5.149	5.165	VV	137	1029	0.05%	0.003%
116	5.171	5.165	5.174	VV	154	677	0.03%	0.002%
117	5.177	5.174	5.220	VV	189	3062	0.14%	0.008%
118	5.228	5.220	5.233	VV	120	626	0.03%	0.002%
119	5.255	5.233	5.269	VV	109	1305	0.06%	0.004%
120	5.274	5.269	5.278	VV	86	319	0.01%	0.001%
121	5.291	5.278	5.297	VV	125	1025	0.05%	0.003%
122	5.301	5.297	5.304	VV	106	328	0.01%	0.001%
123	5.324	5.304	5.355	VV	128	2929	0.13%	0.008%
124	5.369	5.355	5.407	VV	166	3277	0.15%	0.009%
125	5.424	5.407	5.447	VV	205	2934	0.13%	0.008%
126	5.449	5.447	5.454	VV	142	418	0.02%	0.001%
127	5.474	5.454	5.498	VV	692	9086	0.41%	0.024%
128	5.508	5.498	5.514	VV	139	933	0.04%	0.003%
129	5.515	5.514	5.544	VV	128	1002	0.04%	0.003%
130	5.558	5.544	5.597	VV	141	1973	0.09%	0.005%
131	5.618	5.597	5.679	VV	263	5867	0.26%	0.016%
132	5.691	5.679	5.723	VV	233	2730	0.12%	0.007%
133	5.750	5.723	5.782	VV	1085	12558	0.56%	0.034%
134	5.787	5.782	5.794	VV	110	475	0.02%	0.001%
135	5.815	5.794	5.835	VV	386	5230	0.23%	0.014%
136	5.847	5.835	5.878	VV	348	5357	0.24%	0.014%
137	5.894	5.878	5.900	VV	120	1276	0.06%	0.003%
138	5.918	5.900	5.930	VV	281	3362	0.15%	0.009%
139	5.938	5.930	5.943	VV	132	760	0.03%	0.002%
140	5.945	5.943	5.950	VV	121	299	0.01%	0.001%
141	6.004	5.950	6.026	VV	231	4152	0.19%	0.011%

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142	6.031	6.026	6.033	PV	83	271	0.01%	0.001%
143	6.051	6.033	6.074	VV	143	2555	0.11%	0.007%
144	6.089	6.074	6.100	VV	238	2324	0.10%	0.006%
145	6.107	6.100	6.115	VV	269	1822	0.08%	0.005%
146	6.132	6.115	6.161	VV	254	5077	0.23%	0.014%
147	6.175	6.161	6.183	VV	199	1803	0.08%	0.005%
148	6.206	6.183	6.215	VV	180	2222	0.10%	0.006%
149	6.229	6.215	6.277	VV	146	3710	0.17%	0.010%
150	6.286	6.277	6.290	VV	135	878	0.04%	0.002%
151	6.296	6.290	6.308	VV	182	1362	0.06%	0.004%
152	6.314	6.308	6.318	VV	143	683	0.03%	0.002%
153	6.354	6.318	6.372	VV	231	5088	0.23%	0.014%
154	6.392	6.372	6.421	VV	1996	20687	0.93%	0.056%
155	6.425	6.421	6.429	VV	148	593	0.03%	0.002%
156	6.440	6.429	6.459	VV	252	2799	0.13%	0.008%
157	6.469	6.459	6.477	VV	175	1357	0.06%	0.004%
158	6.491	6.477	6.496	VV	184	1589	0.07%	0.004%
159	6.500	6.496	6.520	VV	196	1750	0.08%	0.005%
160	6.526	6.520	6.529	VV	146	560	0.03%	0.002%
161	6.535	6.529	6.543	VV	201	1324	0.06%	0.004%
162	6.548	6.543	6.556	VV	219	1185	0.05%	0.003%
163	6.565	6.556	6.572	VV	205	1202	0.05%	0.003%
164	6.594	6.572	6.612	VV	190	3374	0.15%	0.009%
165	6.645	6.612	6.669	VV	312	6173	0.28%	0.017%
166	6.690	6.669	6.720	VV	300	5719	0.26%	0.015%
167	6.770	6.720	6.789	VV	422	8772	0.39%	0.024%
168	6.800	6.789	6.835	VV	493	7609	0.34%	0.020%
169	6.855	6.835	6.910	VV	542	11375	0.51%	0.031%
170	6.926	6.910	6.956	VV	318	5384	0.24%	0.014%
171	6.968	6.956	6.992	VV	245	3616	0.16%	0.010%
172	7.006	6.992	7.032	VV	195	3297	0.15%	0.009%
173	7.053	7.032	7.060	VV	225	2732	0.12%	0.007%
174	7.062	7.060	7.076	VV	190	976	0.04%	0.003%
175	7.081	7.076	7.095	VV	117	801	0.04%	0.002%
176	7.105	7.095	7.111	VV	168	949	0.04%	0.003%
177	7.140	7.111	7.160	VV	242	3848	0.17%	0.010%
178	7.176	7.160	7.207	VV	182	3409	0.15%	0.009%
179	7.266	7.207	7.287	PV	216	4934	0.22%	0.013%
180	7.296	7.287	7.315	VV	197	2255	0.10%	0.006%
181	7.361	7.315	7.414	VV	272	11589	0.52%	0.031%
182	7.428	7.414	7.462	VV	560	8462	0.38%	0.023%
183	7.493	7.462	7.560	VV	1522	24220	1.09%	0.065%
184	7.581	7.560	7.612	VV	294	5658	0.25%	0.015%
185	7.633	7.612	7.660	VV	1424	16333	0.73%	0.044%
186	7.677	7.660	7.692	VV	228	3288	0.15%	0.009%
187	7.705	7.692	7.735	VV	232	3818	0.17%	0.010%
188	7.804	7.735	7.847	VV	456	15954	0.72%	0.043%
189	7.862	7.847	7.898	VV	268	6471	0.29%	0.017%
190	7.912	7.898	7.959	VV	261	5506	0.25%	0.015%
191	7.982	7.959	7.997	VV	349	5525	0.25%	0.015%
192	8.012	7.997	8.056	VV	501	8406	0.38%	0.023%
193	8.097	8.056	8.125	PV	264	4996	0.22%	0.013%
194	8.132	8.125	8.162	VV	190	2704	0.12%	0.007%

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195	8.202	8.162	8.222	VV	1908	22320	1.00%	0.060%
196	8.238	8.222	8.294	VV	587	14971	0.67%	0.040%
197	8.299	8.294	8.322	VV	236	2908	0.13%	0.008%
198	8.335	8.322	8.359	VV	186	3708	0.17%	0.010%
199	8.397	8.359	8.412	VV	521	9321	0.42%	0.025%
200	8.425	8.412	8.477	VV	369	9508	0.43%	0.026%
201	8.498	8.477	8.507	VV	738	9640	0.43%	0.026%
202	8.510	8.507	8.552	VV	814	8596	0.39%	0.023%
203	8.579	8.552	8.589	VV	406	5392	0.24%	0.014%
204	8.618	8.589	8.633	VV	1920	24581	1.10%	0.066%
205	8.646	8.633	8.662	VV	1165	14028	0.63%	0.038%
206	8.692	8.662	8.725	VV	1068	27307	1.23%	0.073%
207	8.734	8.725	8.754	VV	419	4647	0.21%	0.012%
208	8.805	8.754	8.842	VV	2179	41436	1.86%	0.111%
209	8.860	8.842	8.875	VV	413	5904	0.26%	0.016%
210	8.895	8.875	8.935	VV	479	9608	0.43%	0.026%
211	8.943	8.935	8.966	VV	172	2111	0.09%	0.006%
212	9.002	8.966	9.022	VV	120	2245	0.10%	0.006%
213	9.047	9.022	9.069	PV	532	10135	0.45%	0.027%
214	9.105	9.069	9.127	VV	5239	58799	2.64%	0.158%
215	9.152	9.127	9.192	VV	875	18581	0.83%	0.050%
216	9.234	9.192	9.281	VV	630	17832	0.80%	0.048%
217	9.303	9.281	9.319	VV	259	4462	0.20%	0.012%
218	9.350	9.319	9.365	VV	1158	16833	0.76%	0.045%
219	9.382	9.365	9.401	VV	2743	30425	1.37%	0.082%
220	9.422	9.401	9.456	VV	1388	25014	1.12%	0.067%
221	9.474	9.456	9.494	VV	467	6451	0.29%	0.017%
222	9.523	9.494	9.544	VV	1422	19421	0.87%	0.052%
223	9.561	9.544	9.604	VV	1105	14433	0.65%	0.039%
224	9.612	9.604	9.650	VV	110	1887	0.08%	0.005%
225	9.679	9.650	9.696	VV	964	11272	0.51%	0.030%
226	9.711	9.696	9.743	VV	788	9494	0.43%	0.025%
227	9.764	9.743	9.777	VV	285	3501	0.16%	0.009%
228	9.817	9.777	9.840	VV	856	13099	0.59%	0.035%
229	9.859	9.840	9.874	VV	228	3630	0.16%	0.010%
230	9.899	9.874	9.954	VV	5093	61078	2.74%	0.164%
231	9.981	9.954	10.012	VV	1008	18180	0.82%	0.049%
232	10.023	10.012	10.033	VV	720	6742	0.30%	0.018%
233	10.052	10.033	10.073	VV	1631	23045	1.03%	0.062%
234	10.080	10.073	10.095	VV	608	6329	0.28%	0.017%
235	10.113	10.095	10.150	VV	979	15671	0.70%	0.042%
236	10.180	10.150	10.204	VV	9054	95211	4.27%	0.255%
237	10.226	10.204	10.260	VV	1607	24632	1.11%	0.066%
238	10.274	10.260	10.294	VV	435	6833	0.31%	0.018%
239	10.324	10.294	10.366	VV	2138	43591	1.96%	0.117%
240	10.391	10.366	10.407	VV	468	7269	0.33%	0.020%
241	10.422	10.407	10.462	VV	340	5517	0.25%	0.015%
242	10.494	10.462	10.520	PV	332	5847	0.26%	0.016%
243	10.538	10.520	10.576	VV	250	4629	0.21%	0.012%
244	10.595	10.576	10.610	PV	207	1707	0.08%	0.005%
245	10.656	10.610	10.683	PV	786	13678	0.61%	0.037%
246	10.706	10.683	10.742	VV	1081	18125	0.81%	0.049%

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247	10.764	10.742	10.774	VV	997	12295	0.55%	0.033%
248	10.792	10.774	10.816	VV	2079	28383	1.27%	0.076%
249	10.832	10.816	10.870	VV	1193	18265	0.82%	0.049%
250	10.910	10.870	10.941	VV	1209	24792	1.11%	0.067%
251	10.961	10.941	11.004	VV	3222	51774	2.32%	0.139%
252	11.015	11.004	11.032	VV	775	10770	0.48%	0.029%
253	11.056	11.032	11.069	VV	1409	21501	0.96%	0.058%
254	11.082	11.069	11.094	VV	1397	16224	0.73%	0.044%
255	11.119	11.094	11.197	VV	3354	83824	3.76%	0.225%
256	11.214	11.197	11.232	VV	1022	13375	0.60%	0.036%
257	11.250	11.232	11.264	VV	374	5906	0.26%	0.016%
258	11.283	11.264	11.294	VV	951	10897	0.49%	0.029%
259	11.317	11.294	11.362	VV	56593	581891	26.11%	1.561%
260	11.392	11.362	11.437	VV	14152	165421	7.42%	0.444%
261	11.453	11.437	11.464	VV	379	5019	0.23%	0.013%
262	11.477	11.464	11.484	VV	353	3795	0.17%	0.010%
263	11.494	11.484	11.527	VV	368	7429	0.33%	0.020%
264	11.563	11.527	11.583	VV	849	13708	0.62%	0.037%
265	11.604	11.583	11.648	VV	3738	46921	2.11%	0.126%
266	11.683	11.648	11.705	PV	512	11883	0.53%	0.032%
267	11.731	11.705	11.745	VV	732	14808	0.66%	0.040%
268	11.765	11.745	11.788	VV	1571	24131	1.08%	0.065%
269	11.854	11.788	11.894	VV	2628	64259	2.88%	0.172%
270	11.924	11.894	11.945	PV	1313	19241	0.86%	0.052%
271	11.975	11.945	11.999	VV	1519	29133	1.31%	0.078%
272	12.014	11.999	12.037	VV	1067	15529	0.70%	0.042%
273	12.045	12.037	12.056	VV	429	4432	0.20%	0.012%
274	12.078	12.056	12.100	VV	731	13462	0.60%	0.036%
275	12.127	12.100	12.141	VV	6727	76614	3.44%	0.206%
276	12.158	12.141	12.200	VV	8535	102236	4.59%	0.274%
277	12.243	12.200	12.261	VV	7256	124853	5.60%	0.335%
278	12.276	12.261	12.290	VV	4790	54939	2.46%	0.147%
279	12.308	12.290	12.367	VV	6369	86983	3.90%	0.233%
280	12.386	12.367	12.409	VV	728	12766	0.57%	0.034%
281	12.443	12.409	12.465	VV	1806	34353	1.54%	0.092%
282	12.483	12.465	12.508	VV	4417	53337	2.39%	0.143%
283	12.530	12.508	12.557	VV	883	16578	0.74%	0.044%
284	12.600	12.557	12.622	VV	4667	60068	2.69%	0.161%
285	12.633	12.622	12.649	VV	627	7901	0.35%	0.021%
286	12.666	12.649	12.680	VV	927	12237	0.55%	0.033%
287	12.694	12.680	12.730	VV	2534	45330	2.03%	0.122%
288	12.749	12.730	12.769	VV	1431	22986	1.03%	0.062%
289	12.780	12.769	12.794	VV	612	7910	0.35%	0.021%
290	12.810	12.794	12.822	VV	800	11213	0.50%	0.030%
291	12.854	12.822	12.867	VV	1487	25689	1.15%	0.069%
292	12.876	12.867	12.904	VV	1024	13894	0.62%	0.037%
293	12.924	12.904	12.960	VV	2022	35644	1.60%	0.096%
294	12.982	12.960	13.012	PV	2903	41777	1.87%	0.112%
295	13.035	13.012	13.055	VV	4828	64573	2.90%	0.173%
296	13.091	13.055	13.115	VV	2928	73884	3.31%	0.198%
297	13.151	13.115	13.192	VV	67769	768317	34.47%	2.062%
298	13.211	13.192	13.231	VV	858	10353	0.46%	0.028%
299	13.311	13.231	13.324	PV	1713	45238	2.03%	0.121%

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300	13.342	13.324	13.424	VV	3044	75591	3.39%	0.203%
301	13.452	13.424	13.479	VV	56817	619270	27.78%	1.662%
302	13.509	13.479	13.525	VV	6114	82866	3.72%	0.222%
303	13.540	13.525	13.560	VV	6189	75261	3.38%	0.202%
304	13.578	13.560	13.605	VV	5699	76071	3.41%	0.204%
305	13.628	13.605	13.639	VV	2363	30470	1.37%	0.082%
306	13.650	13.639	13.677	VV	2880	34947	1.57%	0.094%
307	13.720	13.677	13.740	PV	3921	61318	2.75%	0.165%
308	13.757	13.740	13.774	VV	1619	23090	1.04%	0.062%
309	13.792	13.774	13.815	VV	1991	29850	1.34%	0.080%
310	13.827	13.815	13.835	VV	818	7821	0.35%	0.021%
311	13.852	13.835	13.870	VV	2102	26918	1.21%	0.072%
312	13.881	13.870	13.892	VV	1029	11348	0.51%	0.030%
313	13.915	13.892	13.940	VV	4046	61929	2.78%	0.166%
314	13.962	13.940	13.992	VV	792	18937	0.85%	0.051%
315	14.045	13.992	14.085	VV	8369	147108	6.60%	0.395%
316	14.113	14.085	14.129	VV	1105	19964	0.90%	0.054%
317	14.155	14.129	14.175	VV	4672	66981	3.01%	0.180%
318	14.195	14.175	14.215	VV	4862	62011	2.78%	0.166%
319	14.238	14.215	14.262	VV	1894	35195	1.58%	0.094%
320	14.325	14.262	14.347	VV	4912	123598	5.55%	0.332%
321	14.366	14.347	14.402	VV	3915	58593	2.63%	0.157%
322	14.437	14.402	14.460	VV	1491	27794	1.25%	0.075%
323	14.477	14.460	14.487	VV	647	7988	0.36%	0.021%
324	14.531	14.487	14.570	VV	1161	36304	1.63%	0.097%
325	14.580	14.570	14.620	VV	676	12615	0.57%	0.034%
326	14.635	14.620	14.652	VV	353	3458	0.16%	0.009%
327	14.689	14.652	14.705	PV	508	9212	0.41%	0.025%
328	14.784	14.705	14.812	VV	5072	99244	4.45%	0.266%
329	14.823	14.812	14.836	VV	218	1653	0.07%	0.004%
330	14.863	14.836	14.880	PV	1916	25523	1.15%	0.068%
331	14.890	14.880	14.927	VV	767	17449	0.78%	0.047%
332	14.967	14.927	15.010	VV	3935	90907	4.08%	0.244%
333	15.031	15.010	15.052	VV	7485	92463	4.15%	0.248%
334	15.088	15.052	15.116	VV	5792	101002	4.53%	0.271%
335	15.156	15.116	15.169	VV	1619	34980	1.57%	0.094%
336	15.201	15.169	15.249	VV	9924	190758	8.56%	0.512%
337	15.295	15.249	15.312	VV	3617	79185	3.55%	0.212%
338	15.343	15.312	15.364	VV	30086	400647	17.98%	1.075%
339	15.385	15.364	15.421	VV	29331	404597	18.15%	1.086%
340	15.438	15.421	15.460	VV	3279	70196	3.15%	0.188%
341	15.508	15.460	15.532	VV	7752	196416	8.81%	0.527%
342	15.551	15.532	15.564	VV	4033	70918	3.18%	0.190%
343	15.582	15.564	15.617	VV	5061	121799	5.46%	0.327%
344	15.645	15.617	15.668	VV	5488	130157	5.84%	0.349%
345	15.688	15.668	15.750	VV	5614	192114	8.62%	0.515%
346	15.788	15.750	15.894	VV	7932	311964	14.00%	0.837%
347	15.946	15.894	15.969	VV	4879	153540	6.89%	0.412%
348	15.981	15.969	16.000	VV	3477	53934	2.42%	0.145%
349	16.022	16.000	16.043	VV	7313	109367	4.91%	0.293%
350	16.060	16.043	16.094	VV	3873	67528	3.03%	0.181%
351	16.105	16.094	16.120	VV	1651	21089	0.95%	0.057%

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352	16.185	16.120	16.225	VV	3391	111837	5.02%	0.300%
353	16.262	16.225	16.289	VV	1866	33188	1.49%	0.089%
354	16.306	16.289	16.315	PV	467	5747	0.26%	0.015%
355	16.324	16.315	16.332	VV	511	4506	0.20%	0.012%
356	16.350	16.332	16.365	VV	1415	20416	0.92%	0.055%
357	16.377	16.365	16.401	VV	1467	17147	0.77%	0.046%
358	16.437	16.401	16.455	PV	2841	47456	2.13%	0.127%
359	16.463	16.455	16.513	VV	1106	19757	0.89%	0.053%
360	16.634	16.513	16.654	PV	2598	59467	2.67%	0.160%
361	16.666	16.654	16.679	VV	1469	16431	0.74%	0.044%
362	16.695	16.679	16.707	VV	1794	23653	1.06%	0.063%
363	16.742	16.707	16.764	VV	2512	65363	2.93%	0.175%
364	17.815	16.764	16.825	VV	4118	105981	4.75%	0.284%
365	16.836	16.825	16.864	VV	4490	75733	3.40%	0.203%
366	16.914	16.864	16.969	VV	29428	645066	28.94%	1.731%
367	17.046	16.969	17.065	VV	8087	245719	11.02%	0.659%
368	17.086	17.065	17.112	VV	4918	125453	5.63%	0.337%
369	17.141	17.112	17.177	VV	4583	154627	6.94%	0.415%
370	17.237	17.177	17.263	VV	18801	395357	17.74%	1.061%
371	17.294	17.263	17.340	VV	24216	361269	16.21%	0.969%
372	17.394	17.340	17.418	VV	9398	185387	8.32%	0.497%
373	17.426	17.418	17.451	VV	2894	44953	2.02%	0.121%
374	17.458	17.451	17.479	VV	1857	19085	0.86%	0.051%
375	17.541	17.479	17.567	PV	1505	44918	2.02%	0.121%
376	17.601	17.567	17.625	VV	1285	28595	1.28%	0.077%
377	17.657	17.625	17.687	VV	2369	60351	2.71%	0.162%
378	17.725	17.687	17.739	VV	1831	49579	2.22%	0.133%
379	17.760	17.739	17.777	VV	2845	49748	2.23%	0.133%
380	17.799	17.777	17.808	VV	4080	60983	2.74%	0.164%
381	17.840	17.808	17.864	VV	5540	130419	5.85%	0.350%
382	17.888	17.864	17.902	VV	3495	51147	2.29%	0.137%
383	17.914	17.902	17.942	VV	2675	44838	2.01%	0.120%
384	17.972	17.942	18.022	VV	3809	101007	4.53%	0.271%
385	18.056	18.022	18.087	VV	2083	44569	2.00%	0.120%
386	18.098	18.087	18.111	VV	773	7870	0.35%	0.021%
387	18.132	18.111	18.169	PV	2054	35491	1.59%	0.095%
388	18.196	18.169	18.219	PV	3113	57471	2.58%	0.154%
389	18.288	18.219	18.323	VV	8186	292140	13.11%	0.784%
390	18.354	18.323	18.379	VV	5729	138223	6.20%	0.371%
391	18.442	18.379	18.480	VV	10348	424241	19.03%	1.138%
392	18.502	18.480	18.517	VV	5744	116832	5.24%	0.313%
393	18.535	18.517	18.552	VV	5552	93454	4.19%	0.251%
394	18.586	18.552	18.604	VV	6656	158930	7.13%	0.426%
395	18.672	18.604	18.692	VV	16708	374289	16.79%	1.004%
396	18.709	18.692	18.740	VV	8500	168160	7.54%	0.451%
397	18.761	18.740	18.783	VV	4280	87888	3.94%	0.236%
398	18.812	18.783	18.832	VV	13070	241907	10.85%	0.649%
399	18.840	18.832	18.878	VV	10708	218352	9.80%	0.586%
400	18.931	18.878	18.957	VV	21526	531676	23.85%	1.427%
401	18.965	18.957	18.989	VV	10384	180001	8.08%	0.483%
402	19.013	18.989	19.022	VV	11713	217936	9.78%	0.585%
403	19.063	19.022	19.090	VV	14935	481174	21.59%	1.291%
404	19.114	19.090	19.147	VV	13550	381493	17.12%	1.024%

					rteres			
405	19.151	19.147	19.161	VV	9789	75127	3.37%	0.202%
406	19.174	19.161	19.183	VV	8955	107367	4.82%	0.288%
407	19.196	19.183	19.213	VV	9710	155861	6.99%	0.418%
408	19.240	19.213	19.264	VV	12518	313038	14.04%	0.840%
409	19.291	19.264	19.307	VV	12954	268489	12.05%	0.720%
410	19.313	19.307	19.323	VV	11023	99374	4.46%	0.267%
411	19.342	19.323	19.350	VV	12722	178665	8.02%	0.479%
412	19.364	19.350	19.374	VV	15203	191282	8.58%	0.513%
413	19.383	19.374	19.392	VV	17208	170877	7.67%	0.458%
414	19.413	19.392	19.424	VV	18057	309720	13.90%	0.831%
415	19.432	19.424	19.440	VV	19862	171414	7.69%	0.460%
416	19.451	19.440	19.467	VV	21055	312890	14.04%	0.840%
417	19.480	19.467	19.491	VV	21582	298902	13.41%	0.802%
418	19.500	19.491	19.509	VV	21788	224516	10.07%	0.602%
419	19.527	19.509	19.560	VV	27071	657054	29.48%	1.763%
420	19.576	19.560	19.590	VV	19876	343272	15.40%	0.921%
421	19.619	19.590	19.640	VV	19340	550953	24.72%	1.478%
422	19.654	19.640	19.668	VV	20110	303826	13.63%	0.815%
423	19.677	19.668	19.693	VV	18807	260656	11.69%	0.699%
424	19.722	19.693	19.732	VV	19888	401195	18.00%	1.076%
425	19.744	19.732	19.755	VV	20641	263963	11.84%	0.708%
426	19.772	19.755	19.799	VV	19853	485477	21.78%	1.303%
427	19.808	19.799	19.824	VV	18268	252178	11.31%	0.677%
428	19.834	19.824	19.847	VV	17298	216603	9.72%	0.581%
429	19.890	19.847	19.898	VV	21300	549816	24.67%	1.475%
430	19.914	19.898	19.923	VV	25183	335830	15.07%	0.901%
431	19.949	19.923	19.957	VV	25188	469346	21.06%	1.259%
432	19.969	19.957	19.977	VV	24664	280426	12.58%	0.752%
433	19.991	19.977	19.999	VV	26310	311808	13.99%	0.837%
434	20.021	19.999	20.037	VV	28009	602501	27.03%	1.617%
435	20.047	20.037	20.070	VV	27668	517618	23.22%	1.389%
436	20.099	20.070	20.120	VV	30861	808211	36.26%	2.169%
437	20.157	20.120	20.192	VV	30969	1107530	49.69%	2.972%
438	20.201	20.192	20.232	VV	25844	571729	25.65%	1.534%
439	20.254	20.232	20.262	VV	25139	423255	18.99%	1.136%
440	20.290	20.262	20.310	VV	29703	760103	34.10%	2.039%
441	20.401	20.310	20.426	VV	37686	2228877	100.00%	5.980%
442	20.468	20.426	20.485	VV	43806	1407956	63.17%	3.778%
443	20.502	20.485	20.517	VV	41693	726786	32.61%	1.950%
444	20.528	20.517	20.546	VV	42647	669242	30.03%	1.796%
445	20.554	20.546	20.587	VV	38926	848269	38.06%	2.276%
446	20.596	20.587	20.604	VV	35838	344421	15.45%	0.924%
447	20.621	20.604	20.633	VV	35289	580405	26.04%	1.557%
					Sum of corrected areas:		37269331	

FG070925.M Fri Jul 11 05:00:40 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016292.D	10	07/10/25 09:00	07/11/25 9:39	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	141000		4250	31400	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.35		37 - 130	68%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016292.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 09:39
Operator : YP\AJ
Sample : Q2473-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#2

Integration File: autoint1.e
Quant Time: Jul 12 01:08:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.202	134773	1.348 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

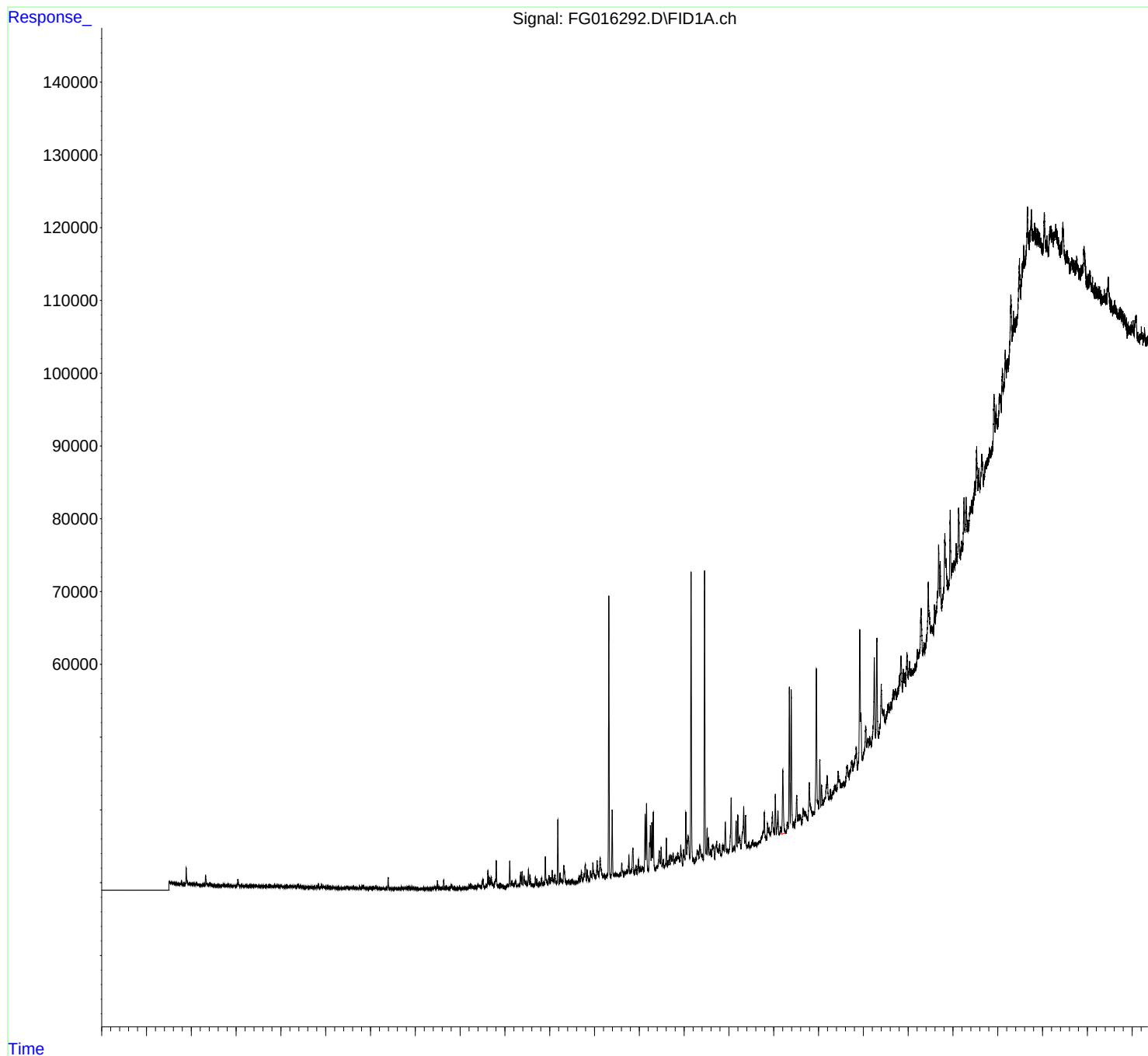
(m)=manual int.

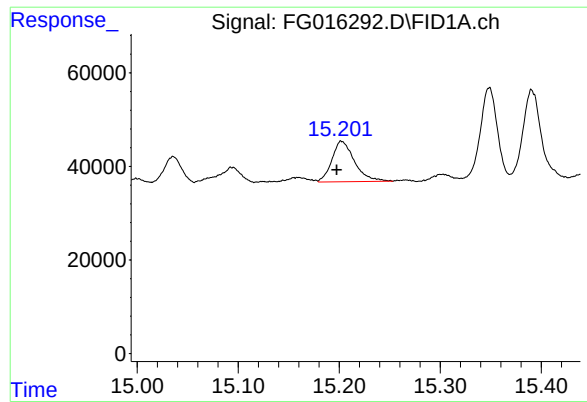
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016292.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 09:39
Operator : YP\AJ
Sample : Q2473-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#2

Integration File: autoint1.e
Quant Time: Jul 12 01:08:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.202 min
Delta R.T.: 0.005 min
Response: 134773
Conc: 1.35 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
 Data File : FG016292.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 09:39
 Sample : Q2473-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.013	2.000	2.051	BV	46	245	0.01%	0.001%
2	2.062	2.051	2.066	VV	143	724	0.04%	0.002%
3	2.070	2.066	2.085	VV	199	815	0.04%	0.002%
4	2.090	2.085	2.105	PV	108	959	0.05%	0.002%
5	2.111	2.105	2.117	VV	149	837	0.04%	0.002%
6	2.128	2.117	2.150	VV	204	2945	0.14%	0.007%
7	2.154	2.150	2.180	VV	115	1716	0.08%	0.004%
8	2.184	2.180	2.194	PV	158	1033	0.05%	0.003%
9	2.200	2.194	2.211	VV	207	1305	0.06%	0.003%
10	2.217	2.211	2.228	PV	170	1148	0.06%	0.003%
11	2.233	2.228	2.238	VV	202	753	0.04%	0.002%
12	2.251	2.238	2.262	VV	205	1918	0.09%	0.005%
13	2.272	2.262	2.278	VV	222	1256	0.06%	0.003%
14	2.301	2.278	2.307	VV	186	2393	0.12%	0.006%
15	2.318	2.307	2.370	VV	1454	19747	0.96%	0.050%
16	2.374	2.370	2.382	VV	146	817	0.04%	0.002%
17	2.392	2.382	2.399	VV	179	1278	0.06%	0.003%
18	2.410	2.399	2.431	VV	321	3892	0.19%	0.010%
19	2.442	2.431	2.462	VV	188	2611	0.13%	0.007%
20	2.471	2.462	2.507	VV	193	3312	0.16%	0.008%
21	2.511	2.507	2.526	VV	139	898	0.04%	0.002%
22	2.545	2.526	2.560	VV	193	2160	0.11%	0.005%
23	2.575	2.560	2.590	VV	216	2239	0.11%	0.006%
24	2.592	2.590	2.600	VV	223	663	0.03%	0.002%
25	2.603	2.600	2.620	VV	150	1246	0.06%	0.003%
26	2.625	2.620	2.632	VV	166	755	0.04%	0.002%
27	2.638	2.632	2.659	VV	138	1274	0.06%	0.003%
28	2.664	2.659	2.670	VV	146	462	0.02%	0.001%
29	2.703	2.670	2.730	VV	224	4270	0.21%	0.011%
30	2.734	2.730	2.773	VV	214	3423	0.17%	0.009%
31	2.776	2.773	2.780	VV	130	421	0.02%	0.001%
32	2.783	2.780	2.800	VV	179	1150	0.06%	0.003%
33	2.817	2.800	2.822	VV	257	2176	0.11%	0.005%
34	2.829	2.822	2.849	VV	269	2723	0.13%	0.007%
35	2.868	2.849	2.889	VV	204	2366	0.12%	0.006%
36	2.897	2.889	2.927	VV	177	2159	0.10%	0.005%

					rteres			
37	2.934	2.927	2.953	PV	181	1676	0.08%	0.004%
38	2.958	2.953	2.988	VV	190	2395	0.12%	0.006%
39	2.991	2.988	3.001	VV	127	777	0.04%	0.002%
40	3.040	3.001	3.089	VV	1023	17179	0.84%	0.043%
41	3.101	3.089	3.124	VV	242	3069	0.15%	0.008%
42	3.134	3.124	3.141	VV	181	1635	0.08%	0.004%
43	3.142	3.141	3.159	VV	204	1668	0.08%	0.004%
44	3.162	3.159	3.169	VV	175	691	0.03%	0.002%
45	3.188	3.169	3.199	VV	200	2461	0.12%	0.006%
46	3.207	3.199	3.214	VV	167	1264	0.06%	0.003%
47	3.221	3.214	3.227	VV	192	999	0.05%	0.003%
48	3.230	3.227	3.260	VV	179	2570	0.12%	0.006%
49	3.264	3.260	3.274	VV	169	1197	0.06%	0.003%
50	3.285	3.274	3.289	VV	203	1245	0.06%	0.003%
51	3.294	3.289	3.304	VV	178	1195	0.06%	0.003%
52	3.307	3.304	3.321	VV	173	1284	0.06%	0.003%
53	3.327	3.321	3.338	VV	154	1228	0.06%	0.003%
54	3.343	3.338	3.357	VV	148	1377	0.07%	0.003%
55	3.368	3.357	3.372	VV	183	1266	0.06%	0.003%
56	3.378	3.372	3.406	VV	175	2915	0.14%	0.007%
57	3.410	3.406	3.438	VV	217	3115	0.15%	0.008%
58	3.443	3.438	3.450	VV	118	733	0.04%	0.002%
59	3.463	3.450	3.478	VV	203	2624	0.13%	0.007%
60	3.483	3.478	3.488	VV	176	752	0.04%	0.002%
61	3.501	3.488	3.519	VV	184	2269	0.11%	0.006%
62	3.523	3.519	3.534	VV	214	1130	0.05%	0.003%
63	3.539	3.534	3.547	VV	133	860	0.04%	0.002%
64	3.559	3.547	3.573	VV	160	2199	0.11%	0.006%
65	3.577	3.573	3.587	VV	158	1176	0.06%	0.003%
66	3.588	3.587	3.609	VV	229	1684	0.08%	0.004%
67	3.615	3.609	3.620	VV	187	900	0.04%	0.002%
68	3.624	3.620	3.646	VV	243	2429	0.12%	0.006%
69	3.650	3.646	3.657	VV	213	1042	0.05%	0.003%
70	3.661	3.657	3.669	VV	233	1069	0.05%	0.003%
71	3.675	3.669	3.681	VV	140	729	0.04%	0.002%
72	3.721	3.681	3.725	VV	217	3506	0.17%	0.009%
73	3.729	3.725	3.748	VV	241	2452	0.12%	0.006%
74	3.769	3.748	3.783	VV	301	4452	0.22%	0.011%
75	3.788	3.783	3.792	VV	183	775	0.04%	0.002%
76	3.796	3.792	3.804	VV	140	953	0.05%	0.002%
77	3.811	3.804	3.828	VV	232	1762	0.09%	0.004%
78	3.833	3.828	3.837	VV	132	564	0.03%	0.001%
79	3.859	3.837	3.872	VV	393	4588	0.22%	0.012%
80	3.880	3.872	3.887	VV	215	1303	0.06%	0.003%
81	3.889	3.887	3.893	VV	203	588	0.03%	0.001%
82	3.906	3.893	3.928	VV	197	2760	0.13%	0.007%
83	3.931	3.928	3.936	VV	134	562	0.03%	0.001%
84	3.945	3.936	3.980	VV	275	4455	0.22%	0.011%
85	3.992	3.980	4.016	VV	221	3663	0.18%	0.009%
86	4.018	4.016	4.037	VV	177	1728	0.08%	0.004%
87	4.049	4.037	4.082	VV	192	2949	0.14%	0.007%
88	4.093	4.082	4.116	VV	224	2924	0.14%	0.007%
89	4.117	4.116	4.168	VV	201	3863	0.19%	0.010%

					rteres			
90	4.172	4.168	4.180	VV	165	781	0.04%	0.002%
91	4.206	4.180	4.227	VV	339	5793	0.28%	0.015%
92	4.243	4.227	4.250	VV	272	2509	0.12%	0.006%
93	4.256	4.250	4.276	VV	221	2090	0.10%	0.005%
94	4.280	4.276	4.286	VV	141	861	0.04%	0.002%
95	4.289	4.286	4.315	VV	155	2939	0.14%	0.007%
96	4.320	4.315	4.332	VV	214	1512	0.07%	0.004%
97	4.341	4.332	4.351	VV	127	899	0.04%	0.002%
98	4.370	4.351	4.384	VV	318	4076	0.20%	0.010%
99	4.388	4.384	4.424	VV	316	5291	0.26%	0.013%
100	4.440	4.424	4.487	VV	334	6699	0.33%	0.017%
101	4.493	4.487	4.504	VV	173	1260	0.06%	0.003%
102	4.505	4.504	4.514	VV	156	475	0.02%	0.001%
103	4.522	4.514	4.531	VV	111	641	0.03%	0.002%
104	4.562	4.531	4.582	VV	156	2609	0.13%	0.007%
105	4.584	4.582	4.594	VV	106	434	0.02%	0.001%
106	4.599	4.594	4.624	VV	114	1710	0.08%	0.004%
107	4.630	4.624	4.644	VV	126	962	0.05%	0.002%
108	4.669	4.644	4.684	VV	295	3728	0.18%	0.009%
109	4.689	4.684	4.700	VV	132	1029	0.05%	0.003%
110	4.707	4.700	4.727	VV	188	1827	0.09%	0.005%
111	4.742	4.727	4.769	VV	147	2621	0.13%	0.007%
112	4.785	4.769	4.812	VV	178	2805	0.14%	0.007%
113	4.835	4.812	4.874	VV	542	7618	0.37%	0.019%
114	4.904	4.874	4.939	VV	456	8590	0.42%	0.022%
115	4.958	4.939	4.971	VV	269	3213	0.16%	0.008%
116	4.985	4.971	5.000	VV	209	2624	0.13%	0.007%
117	5.016	5.000	5.024	VV	155	1626	0.08%	0.004%
118	5.039	5.024	5.044	VV	233	1953	0.09%	0.005%
119	5.047	5.044	5.059	VV	176	1351	0.07%	0.003%
120	5.068	5.059	5.073	VV	172	1177	0.06%	0.003%
121	5.079	5.073	5.109	VV	193	2657	0.13%	0.007%
122	5.130	5.109	5.149	VV	194	3026	0.15%	0.008%
123	5.185	5.149	5.240	VV	253	6445	0.31%	0.016%
124	5.293	5.240	5.307	VV	160	3342	0.16%	0.008%
125	5.318	5.307	5.340	VV	78	1322	0.06%	0.003%
126	5.360	5.340	5.377	VV	143	1757	0.09%	0.004%
127	5.384	5.377	5.412	VV	144	1662	0.08%	0.004%
128	5.440	5.412	5.450	VV	196	2383	0.12%	0.006%
129	5.477	5.450	5.513	VV	308	7176	0.35%	0.018%
130	5.525	5.513	5.542	VV	127	1284	0.06%	0.003%
131	5.562	5.542	5.571	PV	123	1741	0.08%	0.004%
132	5.579	5.571	5.590	VV	126	1106	0.05%	0.003%
133	5.619	5.590	5.674	VV	319	6737	0.33%	0.017%
134	5.688	5.674	5.735	VV	170	3690	0.18%	0.009%
135	5.752	5.735	5.784	VV	347	4696	0.23%	0.012%
136	5.789	5.784	5.796	VV	61	465	0.02%	0.001%
137	5.815	5.796	5.830	VV	299	3953	0.19%	0.010%
138	5.847	5.830	5.875	VV	309	5807	0.28%	0.015%
139	5.886	5.875	5.905	VV	142	1737	0.08%	0.004%
140	5.917	5.905	5.983	VV	178	4024	0.20%	0.010%
141	6.005	5.983	6.041	VV	201	4097	0.20%	0.010%

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142	6.062	6.041	6.075	VV	127	1880	0.09%	0.005%
143	6.086	6.075	6.101	VV	196	2175	0.11%	0.005%
144	6.111	6.101	6.125	VV	209	2728	0.13%	0.007%
145	6.129	6.125	6.162	VV	270	3288	0.16%	0.008%
146	6.169	6.162	6.196	VV	135	2034	0.10%	0.005%
147	6.207	6.196	6.279	VV	135	3213	0.16%	0.008%
148	6.295	6.279	6.325	VV	164	2457	0.12%	0.006%
149	6.357	6.325	6.370	VV	147	2701	0.13%	0.007%
150	6.393	6.370	6.428	VV	1598	16980	0.83%	0.043%
151	6.446	6.428	6.479	VV	152	2432	0.12%	0.006%
152	6.497	6.479	6.518	VV	177	1891	0.09%	0.005%
153	6.542	6.518	6.557	PV	153	2120	0.10%	0.005%
154	6.562	6.557	6.615	VV	97	3185	0.15%	0.008%
155	6.648	6.615	6.662	VV	157	3495	0.17%	0.009%
156	6.689	6.662	6.712	VV	284	4811	0.23%	0.012%
157	6.733	6.712	6.753	VV	138	2636	0.13%	0.007%
158	6.769	6.753	6.788	VV	231	3632	0.18%	0.009%
159	6.803	6.788	6.829	VV	246	3383	0.16%	0.009%
160	6.853	6.829	6.905	VV	449	8704	0.42%	0.022%
161	6.927	6.905	6.997	VV	317	7174	0.35%	0.018%
162	7.008	6.997	7.030	VV	173	2271	0.11%	0.006%
163	7.051	7.030	7.069	VV	154	2477	0.12%	0.006%
164	7.077	7.069	7.100	VV	125	790	0.04%	0.002%
165	7.114	7.100	7.125	PV	81	628	0.03%	0.002%
166	7.136	7.125	7.157	VV	193	1916	0.09%	0.005%
167	7.186	7.157	7.214	VV	161	3545	0.17%	0.009%
168	7.265	7.214	7.288	VV	260	4346	0.21%	0.011%
169	7.308	7.288	7.326	VV	173	1871	0.09%	0.005%
170	7.334	7.326	7.351	VV	81	892	0.04%	0.002%
171	7.390	7.351	7.410	VV	264	6207	0.30%	0.016%
172	7.431	7.410	7.453	VV	323	5538	0.27%	0.014%
173	7.495	7.453	7.515	VV	1187	15234	0.74%	0.038%
174	7.529	7.515	7.560	VV	290	5072	0.25%	0.013%
175	7.579	7.560	7.617	VV	302	5887	0.29%	0.015%
176	7.635	7.617	7.660	VV	1274	14076	0.68%	0.036%
177	7.675	7.660	7.702	VV	285	4769	0.23%	0.012%
178	7.710	7.702	7.729	VV	194	2244	0.11%	0.006%
179	7.737	7.729	7.746	VV	133	1229	0.06%	0.003%
180	7.765	7.746	7.772	VV	143	1751	0.09%	0.004%
181	7.806	7.772	7.855	VV	625	12661	0.62%	0.032%
182	7.866	7.855	7.924	VV	196	4871	0.24%	0.012%
183	7.929	7.924	7.961	VV	135	1705	0.08%	0.004%
184	7.986	7.961	8.016	VV	264	4587	0.22%	0.012%
185	8.043	8.016	8.077	VV	150	3107	0.15%	0.008%
186	8.102	8.077	8.130	PV	209	3668	0.18%	0.009%
187	8.144	8.130	8.170	VV	162	2654	0.13%	0.007%
188	8.205	8.170	8.225	VV	477	6980	0.34%	0.018%
189	8.241	8.225	8.289	VV	620	11609	0.56%	0.029%
190	8.292	8.289	8.314	VV	203	2332	0.11%	0.006%
191	8.340	8.314	8.360	VV	417	5990	0.29%	0.015%
192	8.400	8.360	8.419	VV	513	10239	0.50%	0.026%
193	8.438	8.419	8.480	VV	393	9469	0.46%	0.024%
194	8.512	8.480	8.557	VV	1214	24932	1.21%	0.063%

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195	8.579	8.557	8.594	VV	468	7378	0.36%	0.019%
196	8.620	8.594	8.636	VV	2349	29205	1.42%	0.074%
197	8.648	8.636	8.664	VV	1512	17059	0.83%	0.043%
198	8.693	8.664	8.721	VV	1458	29513	1.44%	0.074%
199	8.733	8.721	8.759	VV	556	7865	0.38%	0.020%
200	8.807	8.759	8.845	VV	3768	60787	2.96%	0.153%
201	8.859	8.845	8.880	VV	389	6073	0.30%	0.015%
202	8.899	8.880	8.932	VV	703	9564	0.47%	0.024%
203	8.945	8.932	8.978	VV	365	4904	0.24%	0.012%
204	8.988	8.978	9.010	VV	126	1387	0.07%	0.003%
205	9.060	9.010	9.083	PV	457	9192	0.45%	0.023%
206	9.108	9.083	9.134	VV	3689	41707	2.03%	0.105%
207	9.155	9.134	9.185	VV	875	16498	0.80%	0.042%
208	9.234	9.185	9.261	VV	812	20684	1.01%	0.052%
209	9.301	9.261	9.312	VV	267	6033	0.29%	0.015%
210	9.352	9.312	9.369	VV	2063	29136	1.42%	0.074%
211	9.384	9.369	9.403	VV	2071	22643	1.10%	0.057%
212	9.423	9.403	9.463	VV	1412	27182	1.32%	0.069%
213	9.476	9.463	9.494	VV	648	8148	0.40%	0.021%
214	9.525	9.494	9.545	VV	2341	30469	1.48%	0.077%
215	9.564	9.545	9.610	VV	1368	19882	0.97%	0.050%
216	9.624	9.610	9.645	VV	199	2847	0.14%	0.007%
217	9.681	9.645	9.698	PV	1200	14485	0.70%	0.037%
218	9.713	9.698	9.744	VV	979	10339	0.50%	0.026%
219	9.766	9.744	9.781	VV	401	4438	0.22%	0.011%
220	9.819	9.781	9.841	VV	1058	16065	0.78%	0.041%
221	9.861	9.841	9.876	VV	426	5358	0.26%	0.014%
222	9.902	9.876	9.960	VV	3958	55202	2.68%	0.139%
223	9.984	9.960	10.010	VV	1353	21697	1.06%	0.055%
224	10.026	10.010	10.039	VV	1026	12930	0.63%	0.033%
225	10.054	10.039	10.075	VV	2054	27158	1.32%	0.069%
226	10.086	10.075	10.099	VV	720	8374	0.41%	0.021%
227	10.115	10.099	10.140	VV	1263	18888	0.92%	0.048%
228	10.147	10.140	10.160	VV	348	3478	0.17%	0.009%
229	10.181	10.160	10.206	VV	8905	91065	4.43%	0.230%
230	10.229	10.206	10.269	VV	1538	29638	1.44%	0.075%
231	10.280	10.269	10.294	VV	581	7127	0.35%	0.018%
232	10.314	10.294	10.370	VV	2618	52310	2.54%	0.132%
233	10.392	10.370	10.406	VV	400	6611	0.32%	0.017%
234	10.426	10.406	10.455	VV	555	8566	0.42%	0.022%
235	10.496	10.455	10.573	VV	561	17371	0.84%	0.044%
236	10.596	10.573	10.617	PV	284	3719	0.18%	0.009%
237	10.624	10.617	10.632	VV	146	1057	0.05%	0.003%
238	10.657	10.632	10.679	VV	1010	14802	0.72%	0.037%
239	10.707	10.679	10.735	VV	1523	24711	1.20%	0.062%
240	10.764	10.735	10.775	VV	1199	17589	0.86%	0.044%
241	10.794	10.775	10.817	VV	2462	34094	1.66%	0.086%
242	10.835	10.817	10.878	VV	1644	27110	1.32%	0.068%
243	10.912	10.878	10.943	VV	1497	28563	1.39%	0.072%
244	10.965	10.943	11.002	VV	2567	45045	2.19%	0.114%
245	11.013	11.002	11.027	VV	770	9321	0.45%	0.024%
246	11.058	11.027	11.075	VV	2739	41081	2.00%	0.104%

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247	11.084	11.075	11.098	VV	1237	12889	0.63%	0.033%
248	11.124	11.098	11.183	VV	3003	74717	3.63%	0.189%
249	11.216	11.183	11.235	VV	772	15205	0.74%	0.038%
250	11.256	11.235	11.267	VV	421	5788	0.28%	0.015%
251	11.285	11.267	11.293	VV	668	7682	0.37%	0.019%
252	11.320	11.293	11.362	VV	38635	411657	20.02%	1.039%
253	11.395	11.362	11.434	VV	9372	111965	5.45%	0.283%
254	11.455	11.434	11.470	VV	664	10630	0.52%	0.027%
255	11.478	11.470	11.522	VV	477	12603	0.61%	0.032%
256	11.538	11.522	11.552	VV	430	5908	0.29%	0.015%
257	11.570	11.552	11.589	VV	588	8951	0.44%	0.023%
258	11.607	11.589	11.653	VV	1928	31304	1.52%	0.079%
259	11.685	11.653	11.699	PV	631	11822	0.57%	0.030%
260	11.730	11.699	11.744	VV	719	16579	0.81%	0.042%
261	11.768	11.744	11.789	VV	2810	37473	1.82%	0.095%
262	11.855	11.789	11.889	VV	3564	79772	3.88%	0.201%
263	11.925	11.889	11.945	VV	1099	18023	0.88%	0.045%
264	11.979	11.945	12.000	VV	1985	31025	1.51%	0.078%
265	12.018	12.000	12.044	VV	908	14841	0.72%	0.037%
266	12.078	12.044	12.104	VV	847	21547	1.05%	0.054%
267	12.130	12.104	12.145	VV	8053	94432	4.59%	0.238%
268	12.161	12.145	12.198	VV	9468	109288	5.31%	0.276%
269	12.247	12.198	12.263	VV	6365	115018	5.59%	0.290%
270	12.279	12.263	12.294	VV	6704	79441	3.86%	0.201%
271	12.312	12.294	12.365	VV	8172	106954	5.20%	0.270%
272	12.386	12.365	12.402	VV	577	8954	0.44%	0.023%
273	12.444	12.402	12.465	VV	2576	50550	2.46%	0.128%
274	12.487	12.465	12.509	VV	3023	43800	2.13%	0.111%
275	12.534	12.509	12.554	VV	1289	22310	1.09%	0.056%
276	12.603	12.554	12.625	VV	4126	58270	2.83%	0.147%
277	12.638	12.625	12.650	VV	1022	11330	0.55%	0.029%
278	12.668	12.650	12.686	VV	1590	23137	1.13%	0.058%
279	12.701	12.686	12.730	VV	1739	34637	1.68%	0.087%
280	12.753	12.730	12.772	VV	1909	32017	1.56%	0.081%
281	12.785	12.772	12.799	VV	1063	13205	0.64%	0.033%
282	12.816	12.799	12.830	VV	1364	20117	0.98%	0.051%
283	12.857	12.830	12.872	VV	1961	35168	1.71%	0.089%
284	12.880	12.872	12.904	VV	1249	18875	0.92%	0.048%
285	12.925	12.904	12.965	VV	2798	50437	2.45%	0.127%
286	12.987	12.965	13.015	PV	2172	35682	1.74%	0.090%
287	13.038	13.015	13.058	VV	7243	93792	4.56%	0.237%
288	13.090	13.058	13.129	VV	3941	109428	5.32%	0.276%
289	13.155	13.129	13.195	VV	40187	461238	22.43%	1.164%
290	13.206	13.195	13.230	VV	678	8818	0.43%	0.022%
291	13.255	13.230	13.268	VV	671	8952	0.44%	0.023%
292	13.291	13.268	13.305	VV	1833	27058	1.32%	0.068%
293	13.312	13.305	13.330	VV	1433	16388	0.80%	0.041%
294	13.347	13.330	13.384	VV	2231	49584	2.41%	0.125%
295	13.394	13.384	13.428	VV	960	20194	0.98%	0.051%
296	13.457	13.428	13.495	VV	39883	457078	22.23%	1.154%
297	13.514	13.495	13.530	VV	4429	53731	2.61%	0.136%
298	13.545	13.530	13.571	VV	3110	44934	2.19%	0.113%
299	13.590	13.571	13.612	VV	1460	24640	1.20%	0.062%

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300	13.632	13.612	13.642	VV	2069	25419	1.24%	0.064%
301	13.655	13.642	13.684	VV	1779	30559	1.49%	0.077%
302	13.725	13.684	13.745	PV	2407	51989	2.53%	0.131%
303	13.759	13.745	13.774	VV	1265	18913	0.92%	0.048%
304	13.793	13.774	13.822	VV	1958	31749	1.54%	0.080%
305	13.856	13.822	13.869	VV	1632	22078	1.07%	0.056%
306	13.883	13.869	13.897	VV	1498	20410	0.99%	0.052%
307	13.919	13.897	13.951	VV	4682	72617	3.53%	0.183%
308	13.972	13.951	13.990	VV	791	15138	0.74%	0.038%
309	14.050	13.990	14.085	VV	7763	138652	6.74%	0.350%
310	14.117	14.085	14.134	VV	968	19972	0.97%	0.050%
311	14.160	14.134	14.181	VV	4363	62839	3.06%	0.159%
312	14.199	14.181	14.222	VV	5087	67054	3.26%	0.169%
313	14.241	14.222	14.270	VV	2042	38258	1.86%	0.097%
314	14.330	14.270	14.352	VV	5995	130365	6.34%	0.329%
315	14.371	14.352	14.404	VV	4682	64475	3.14%	0.163%
316	14.442	14.404	14.465	VV	888	18235	0.89%	0.046%
317	14.532	14.465	14.559	VV	852	25592	1.24%	0.065%
318	14.571	14.559	14.585	VV	394	5309	0.26%	0.013%
319	14.599	14.585	14.625	VV	486	7173	0.35%	0.018%
320	14.638	14.625	14.651	PV	512	4731	0.23%	0.012%
321	14.763	14.651	14.770	VV	1680	57366	2.79%	0.145%
322	14.790	14.770	14.842	VV	4198	69883	3.40%	0.176%
323	14.864	14.842	14.882	VV	2476	37064	1.80%	0.094%
324	14.895	14.882	14.927	VV	1765	32498	1.58%	0.082%
325	14.972	14.927	15.013	VV	3678	90418	4.40%	0.228%
326	15.036	15.013	15.057	VV	6058	76249	3.71%	0.192%
327	15.094	15.057	15.129	VV	3439	63834	3.10%	0.161%
328	15.159	15.129	15.179	VV	1213	21366	1.04%	0.054%
329	15.203	15.179	15.253	VV	8822	141556	6.88%	0.357%
330	15.266	15.253	15.277	VV	362	3543	0.17%	0.009%
331	15.302	15.277	15.319	PV	1431	19811	0.96%	0.050%
332	15.349	15.319	15.369	VV	19807	235170	11.44%	0.594%
333	15.391	15.369	15.427	VV	19231	244309	11.88%	0.617%
334	15.442	15.427	15.469	VV	1009	16498	0.80%	0.042%
335	15.513	15.469	15.537	VV	4367	79439	3.86%	0.201%
336	15.556	15.537	15.572	VV	1566	25217	1.23%	0.064%
337	15.589	15.572	15.627	VV	1445	27072	1.32%	0.068%
338	15.658	15.627	15.687	PV	1937	44147	2.15%	0.111%
339	15.699	15.687	15.759	VV	1464	36312	1.77%	0.092%
340	15.793	15.759	15.862	PV	5104	110019	5.35%	0.278%
341	15.876	15.862	15.889	VV	595	5575	0.27%	0.014%
342	15.897	15.889	15.912	VV	269	3633	0.18%	0.009%
343	15.952	15.912	16.003	VV	19758	296405	14.42%	0.748%
344	16.029	16.003	16.049	VV	6847	84238	4.10%	0.213%
345	16.067	16.049	16.102	VV	3011	44791	2.18%	0.113%
346	16.114	16.102	16.125	VV	769	8514	0.41%	0.021%
347	16.193	16.125	16.224	VV	3454	102032	4.96%	0.258%
348	16.269	16.224	16.294	VV	1355	21775	1.06%	0.055%
349	16.324	16.294	16.334	PV	813	11056	0.54%	0.028%
350	16.355	16.334	16.372	VV	1215	19698	0.96%	0.050%
351	16.386	16.372	16.407	VV	1211	16254	0.79%	0.041%

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352	16.439	16.407	16.457	VV	2739	47482	2.31%	0.120%
353	16.473	16.457	16.490	VV	1376	21561	1.05%	0.054%
354	16.503	16.490	16.524	VV	534	7328	0.36%	0.018%
355	16.535	16.524	16.547	PV	506	3962	0.19%	0.010%
356	16.562	16.547	16.597	VV	483	4539	0.22%	0.011%
357	16.641	16.597	16.685	PV	2269	55901	2.72%	0.141%
358	16.744	16.685	16.769	VV	2194	61527	2.99%	0.155%
359	16.842	16.769	16.867	VV	3044	96641	4.70%	0.244%
360	16.921	16.867	16.979	PV	18710	360600	17.54%	0.910%
361	17.053	16.979	17.077	VV	4159	99525	4.84%	0.251%
362	17.102	17.077	17.124	VV	2157	46952	2.28%	0.119%
363	17.145	17.124	17.182	VV	1794	40174	1.95%	0.101%
364	17.245	17.182	17.272	VV	11958	208201	10.13%	0.526%
365	17.301	17.272	17.340	VV	14123	192602	9.37%	0.486%
366	17.400	17.340	17.446	PV	6649	168152	8.18%	0.424%
367	17.462	17.446	17.490	VV	2306	41749	2.03%	0.105%
368	17.545	17.490	17.560	VV	2299	51786	2.52%	0.131%
369	17.572	17.560	17.588	VV	2194	25136	1.22%	0.063%
370	17.615	17.588	17.634	VV	1621	34309	1.67%	0.087%
371	17.669	17.634	17.692	VV	2894	69473	3.38%	0.175%
372	17.722	17.692	17.742	VV	2449	55929	2.72%	0.141%
373	17.768	17.742	17.779	VV	2010	32780	1.59%	0.083%
374	17.804	17.779	17.817	VV	3193	50909	2.48%	0.129%
375	17.841	17.817	17.872	VV	5457	110835	5.39%	0.280%
376	17.895	17.872	17.915	VV	3164	47589	2.31%	0.120%
377	17.929	17.915	17.947	VV	2014	31762	1.54%	0.080%
378	17.974	17.947	18.004	VV	4395	80574	3.92%	0.203%
379	18.032	18.004	18.049	VV	2526	46102	2.24%	0.116%
380	18.068	18.049	18.090	VV	1211	20213	0.98%	0.051%
381	18.101	18.090	18.112	VV	560	5824	0.28%	0.015%
382	18.153	18.112	18.169	VV	920	13022	0.63%	0.033%
383	18.206	18.169	18.229	PV	2319	39369	1.91%	0.099%
384	18.251	18.229	18.257	VV	1621	24690	1.20%	0.062%
385	18.289	18.257	18.325	VV	6817	148191	7.21%	0.374%
386	18.353	18.325	18.374	VV	1522	25133	1.22%	0.063%
387	18.450	18.374	18.509	PV	8863	243280	11.83%	0.614%
388	18.519	18.509	18.567	VV	1914	45439	2.21%	0.115%
389	18.589	18.567	18.609	VV	3536	58058	2.82%	0.147%
390	18.681	18.609	18.699	VV	11097	269740	13.12%	0.681%
391	18.715	18.699	18.749	VV	8440	147688	7.18%	0.373%
392	18.769	18.749	18.785	VV	3068	55780	2.71%	0.141%
393	18.820	18.785	18.838	VV	10906	211384	10.28%	0.534%
394	18.848	18.838	18.905	VV	7368	174450	8.48%	0.440%
395	18.939	18.905	18.964	VV	12910	229383	11.16%	0.579%
396	18.984	18.964	18.993	VV	4688	73425	3.57%	0.185%
397	19.000	18.993	19.010	VV	4519	44456	2.16%	0.112%
398	19.035	19.010	19.045	VV	4698	89242	4.34%	0.225%
399	19.073	19.045	19.094	VV	6544	146334	7.12%	0.369%
400	19.127	19.094	19.170	VV	10771	286654	13.94%	0.724%
401	19.198	19.170	19.212	VV	5436	115825	5.63%	0.292%
402	19.247	19.212	19.270	VV	10835	250757	12.20%	0.633%
403	19.294	19.270	19.318	VV	10244	219451	10.67%	0.554%
404	19.333	19.318	19.350	VV	6696	117891	5.73%	0.298%

					rteres			
405	19.380	19.350	19.390	VV	7828	163352	7.94%	0.412%
406	19.420	19.390	19.437	VV	8432	210792	10.25%	0.532%
407	19.484	19.437	19.498	VV	9719	308575	15.01%	0.779%
408	19.529	19.498	19.555	VV	14279	377528	18.36%	0.953%
409	19.579	19.555	19.604	VV	10794	265512	12.91%	0.670%
410	19.643	19.604	19.679	VV	11943	443453	21.57%	1.119%
411	19.737	19.679	19.755	VV	9825	412923	20.08%	1.042%
412	19.778	19.755	19.792	VV	9917	212933	10.36%	0.537%
413	19.822	19.792	19.847	VV	10434	327639	15.93%	0.827%
414	19.916	19.847	19.942	VV	16266	684923	33.31%	1.729%
415	19.962	19.942	19.995	VV	14799	412826	20.08%	1.042%
416	20.058	19.995	20.079	VV	15186	694539	33.78%	1.753%
417	20.103	20.079	20.125	VV	17458	447308	21.75%	1.129%
418	20.131	20.125	20.136	VV	15646	101841	4.95%	0.257%
419	20.169	20.136	20.192	VV	19009	579491	28.18%	1.463%
420	20.221	20.192	20.238	VV	18027	477545	23.22%	1.205%
421	20.295	20.238	20.325	VV	26124	1110598	54.01%	2.803%
422	20.351	20.325	20.370	VV	22569	568070	27.63%	1.434%
423	20.380	20.370	20.388	VV	21956	225744	10.98%	0.570%
424	20.484	20.388	20.515	VV	28789	1771692	86.16%	4.472%
425	20.580	20.515	20.597	VV	29561	1312137	63.81%	3.312%
426	20.661	20.597	20.690	VV	33866	1629816	79.26%	4.114%
427	20.695	20.690	20.705	VV	29634	248318	12.08%	0.627%
428	20.717	20.705	20.726	VV	29949	369083	17.95%	0.932%
429	20.751	20.726	20.786	VV	32521	1072072	52.14%	2.706%
430	20.822	20.786	20.839	VV	29656	903207	43.93%	2.280%
431	20.854	20.839	20.872	VV	28771	547618	26.63%	1.382%
432	20.888	20.872	20.904	VV	28002	522546	25.41%	1.319%
433	20.916	20.904	20.954	VV	26929	789235	38.38%	1.992%
434	20.961	20.954	20.980	VV	25927	401104	19.51%	1.012%
435	20.989	20.980	21.010	VV	24926	437371	21.27%	1.104%
436	21.041	21.010	21.075	VV	28438	992263	48.26%	2.505%
437	21.098	21.075	21.137	VV	24639	850669	41.37%	2.147%
438	21.165	21.137	21.177	VV	25158	568436	27.64%	1.435%
439	21.185	21.177	21.200	VV	24458	336791	16.38%	0.850%
440	21.210	21.200	21.237	VV	23856	513217	24.96%	1.295%
441	21.296	21.237	21.395	VV	23045	2056219	100.00%	5.190%
442	21.406	21.395	21.427	VV	19680	371288	18.06%	0.937%
443	21.454	21.427	21.510	VV	22273	948842	46.14%	2.395%
444	21.530	21.510	21.535	VV	17044	257089	12.50%	0.649%
445	21.546	21.535	21.617	VV	16999	760914	37.01%	1.921%
446	21.653	21.617	21.672	VV	14692	471244	22.92%	1.189%
447	21.677	21.672	21.689	VV	14554	136041	6.62%	0.343%
448	21.695	21.689	21.727	VV	13707	301561	14.67%	0.761%
					Sum of corrected areas:		39617590	

FG070925.M Sat Jul 12 01:48:40 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	88.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016293.D	5	07/10/25 09:00	07/11/25 10:09	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	104000		2170	16000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	2.25		37 - 130	56%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016293.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 10:09
Operator : YP\AJ
Sample : Q2473-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#3

Integration File: autoint1.e
Quant Time: Jul 12 01:08:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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...	15.205	224742	2.248 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

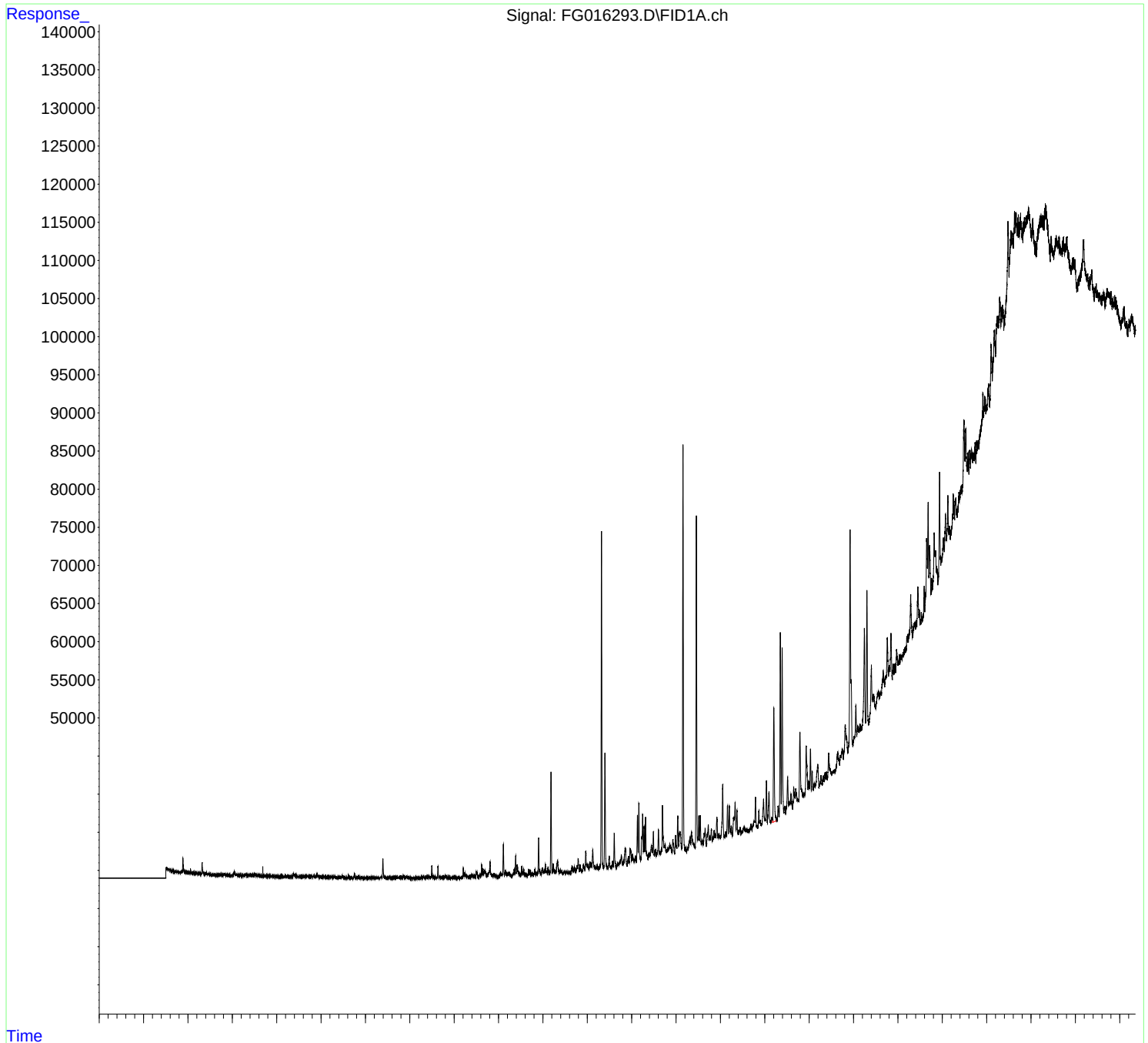
(m)=manual int.

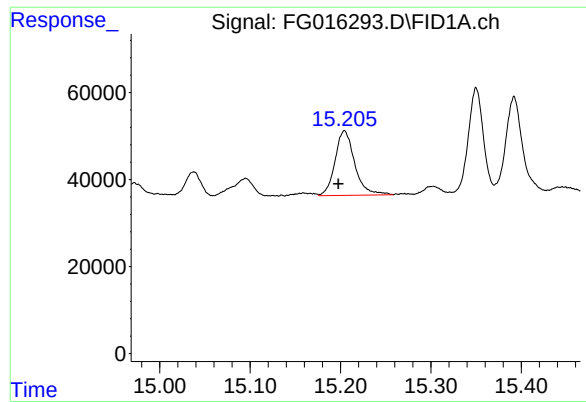
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016293.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 10:09
Operator : YP\AJ
Sample : Q2473-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PIT#3

Integration File: autoint1.e
Quant Time: Jul 12 01:08:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.205 min
Delta R.T.: 0.007 min
Response: 224742
Conc: 2.25 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
 Data File : FG016293.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 10:09
 Sample : Q2473-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.034	2.026	2.040	PV	112	625	0.03%	0.001%
2	2.046	2.040	2.051	VV	108	538	0.03%	0.001%
3	2.058	2.051	2.071	VV	475	1479	0.08%	0.003%
4	2.073	2.071	2.096	VV	128	1015	0.06%	0.002%
5	2.105	2.096	2.119	VV	147	1032	0.06%	0.002%
6	2.124	2.119	2.132	VV	167	778	0.04%	0.001%
7	2.137	2.132	2.141	VV	170	589	0.03%	0.001%
8	2.144	2.141	2.155	VV	84	645	0.04%	0.001%
9	2.161	2.155	2.179	VV	138	1126	0.06%	0.002%
10	2.186	2.179	2.202	PV	167	1168	0.06%	0.002%
11	2.206	2.202	2.216	VV	114	457	0.03%	0.001%
12	2.224	2.216	2.229	PV	125	589	0.03%	0.001%
13	2.233	2.229	2.240	VV	186	639	0.04%	0.001%
14	2.241	2.240	2.248	VV	82	289	0.02%	0.001%
15	2.254	2.248	2.259	VV	116	629	0.03%	0.001%
16	2.271	2.259	2.280	VV	155	1233	0.07%	0.002%
17	2.288	2.280	2.308	VV	158	1335	0.07%	0.002%
18	2.318	2.308	2.379	VV	1550	19302	1.06%	0.034%
19	2.382	2.379	2.395	VV	141	746	0.04%	0.001%
20	2.411	2.395	2.435	VV	264	4068	0.22%	0.007%
21	2.443	2.435	2.448	VV	138	612	0.03%	0.001%
22	2.465	2.448	2.482	VV	197	2631	0.14%	0.005%
23	2.484	2.482	2.493	VV	171	731	0.04%	0.001%
24	2.499	2.493	2.517	VV	177	955	0.05%	0.002%
25	2.528	2.517	2.533	PV	127	537	0.03%	0.001%
26	2.540	2.533	2.561	VV	133	1323	0.07%	0.002%
27	2.569	2.561	2.592	VV	144	1850	0.10%	0.003%
28	2.599	2.592	2.606	VV	116	706	0.04%	0.001%
29	2.617	2.606	2.621	VV	156	931	0.05%	0.002%
30	2.634	2.621	2.639	VV	138	1003	0.05%	0.002%
31	2.654	2.639	2.661	VV	146	1188	0.07%	0.002%
32	2.664	2.661	2.669	VV	115	432	0.02%	0.001%
33	2.679	2.669	2.684	VV	149	845	0.05%	0.001%
34	2.708	2.684	2.735	PV	265	4865	0.27%	0.008%
35	2.742	2.735	2.767	VV	268	2678	0.15%	0.005%
36	2.783	2.767	2.787	VV	134	1287	0.07%	0.002%

					rteres			
37	2.791	2.787	2.799	VV	139	701	0.04%	0.001%
38	2.821	2.799	2.845	VV	348	5655	0.31%	0.010%
39	2.848	2.845	2.873	VV	176	1746	0.10%	0.003%
40	2.877	2.873	2.882	VV	105	381	0.02%	0.001%
41	2.885	2.882	2.898	VV	202	1076	0.06%	0.002%
42	2.901	2.898	2.907	VV	104	521	0.03%	0.001%
43	2.927	2.907	2.939	VV	166	2287	0.13%	0.004%
44	2.943	2.939	2.956	VV	226	1148	0.06%	0.002%
45	2.967	2.956	2.975	VV	194	1404	0.08%	0.002%
46	2.979	2.975	2.986	VV	188	967	0.05%	0.002%
47	2.987	2.986	3.002	VV	172	1145	0.06%	0.002%
48	3.018	3.002	3.023	VV	186	1858	0.10%	0.003%
49	3.047	3.023	3.081	VV	669	11256	0.62%	0.020%
50	3.086	3.081	3.091	VV	225	1006	0.06%	0.002%
51	3.097	3.091	3.126	VV	283	3316	0.18%	0.006%
52	3.141	3.126	3.154	VV	206	2750	0.15%	0.005%
53	3.158	3.154	3.171	VV	168	1252	0.07%	0.002%
54	3.173	3.171	3.178	VV	159	631	0.03%	0.001%
55	3.186	3.178	3.213	VV	168	2873	0.16%	0.005%
56	3.219	3.213	3.227	VV	128	949	0.05%	0.002%
57	3.236	3.227	3.241	VV	146	1057	0.06%	0.002%
58	3.248	3.241	3.258	VV	189	1485	0.08%	0.003%
59	3.263	3.258	3.273	VV	159	1266	0.07%	0.002%
60	3.278	3.273	3.283	VV	206	816	0.04%	0.001%
61	3.308	3.283	3.322	VV	280	4674	0.26%	0.008%
62	3.328	3.322	3.341	VV	263	2433	0.13%	0.004%
63	3.344	3.341	3.368	VV	232	2560	0.14%	0.004%
64	3.380	3.368	3.385	VV	199	1633	0.09%	0.003%
65	3.390	3.385	3.397	VV	221	1304	0.07%	0.002%
66	3.404	3.397	3.426	VV	259	3265	0.18%	0.006%
67	3.432	3.426	3.441	VV	168	1411	0.08%	0.002%
68	3.454	3.441	3.470	VV	305	3721	0.20%	0.006%
69	3.484	3.470	3.506	VV	256	4338	0.24%	0.008%
70	3.510	3.506	3.554	VV	236	5387	0.30%	0.009%
71	3.558	3.554	3.567	VV	244	1231	0.07%	0.002%
72	3.574	3.567	3.579	VV	195	1150	0.06%	0.002%
73	3.608	3.579	3.625	VV	203	4464	0.24%	0.008%
74	3.629	3.625	3.635	VV	189	1040	0.06%	0.002%
75	3.640	3.635	3.651	VV	170	1517	0.08%	0.003%
76	3.655	3.651	3.668	VV	231	1549	0.08%	0.003%
77	3.688	3.668	3.711	VV	1222	5007	0.27%	0.009%
78	3.724	3.711	3.736	VV	191	2268	0.12%	0.004%
79	3.741	3.736	3.763	VV	205	2731	0.15%	0.005%
80	3.766	3.763	3.782	VV	216	1745	0.10%	0.003%
81	3.787	3.782	3.797	VV	161	1051	0.06%	0.002%
82	3.801	3.797	3.808	VV	132	687	0.04%	0.001%
83	3.818	3.808	3.828	VV	195	1603	0.09%	0.003%
84	3.834	3.828	3.840	VV	178	934	0.05%	0.002%
85	3.850	3.840	3.861	VV	221	2016	0.11%	0.004%
86	3.864	3.861	3.882	VV	183	1808	0.10%	0.003%
87	3.897	3.882	3.912	VV	138	2108	0.12%	0.004%
88	3.916	3.912	3.952	VV	179	2392	0.13%	0.004%
89	3.955	3.952	3.973	VV	147	1340	0.07%	0.002%

					rteres			
90	3.979	3.973	3.985	VV	152	758	0.04%	0.001%
91	3.991	3.985	4.021	VV	202	3090	0.17%	0.005%
92	4.024	4.021	4.028	VV	109	504	0.03%	0.001%
93	4.032	4.028	4.040	VV	128	674	0.04%	0.001%
94	4.044	4.040	4.054	VV	110	789	0.04%	0.001%
95	4.071	4.054	4.077	PV	150	874	0.05%	0.002%
96	4.086	4.077	4.116	VV	165	2445	0.13%	0.004%
97	4.121	4.116	4.127	VV	139	625	0.03%	0.001%
98	4.133	4.127	4.143	VV	121	796	0.04%	0.001%
99	4.149	4.143	4.172	VV	112	1089	0.06%	0.002%
100	4.200	4.172	4.235	VV	321	6858	0.38%	0.012%
101	4.246	4.235	4.253	VV	169	1445	0.08%	0.003%
102	4.257	4.253	4.263	VV	152	558	0.03%	0.001%
103	4.267	4.263	4.286	VV	198	1556	0.09%	0.003%
104	4.312	4.286	4.334	VV	197	4012	0.22%	0.007%
105	4.337	4.334	4.354	VV	162	1198	0.07%	0.002%
106	4.381	4.354	4.391	VV	464	6780	0.37%	0.012%
107	4.394	4.391	4.406	VV	422	2732	0.15%	0.005%
108	4.410	4.406	4.427	VV	312	3435	0.19%	0.006%
109	4.438	4.427	4.479	VV	348	6157	0.34%	0.011%
110	4.502	4.479	4.518	VV	254	3382	0.19%	0.006%
111	4.520	4.518	4.534	VV	185	1204	0.07%	0.002%
112	4.541	4.534	4.558	VV	189	1786	0.10%	0.003%
113	4.562	4.558	4.575	VV	176	1122	0.06%	0.002%
114	4.585	4.575	4.589	VV	115	817	0.04%	0.001%
115	4.598	4.589	4.614	VV	211	2095	0.11%	0.004%
116	4.621	4.614	4.627	VV	155	953	0.05%	0.002%
117	4.633	4.627	4.643	VV	140	1230	0.07%	0.002%
118	4.646	4.643	4.660	VV	226	1549	0.08%	0.003%
119	4.672	4.660	4.692	VV	271	3760	0.21%	0.007%
120	4.697	4.692	4.702	VV	251	1014	0.06%	0.002%
121	4.710	4.702	4.728	VV	206	2474	0.14%	0.004%
122	4.738	4.728	4.750	VV	215	1938	0.11%	0.003%
123	4.757	4.750	4.776	VV	201	2018	0.11%	0.004%
124	4.785	4.776	4.792	VV	169	1367	0.07%	0.002%
125	4.798	4.792	4.813	VV	202	1867	0.10%	0.003%
126	4.843	4.813	4.870	VV	351	7654	0.42%	0.013%
127	4.875	4.870	4.887	VV	235	1704	0.09%	0.003%
128	4.904	4.887	4.929	VV	569	8664	0.48%	0.015%
129	4.933	4.929	4.951	VV	217	2325	0.13%	0.004%
130	4.961	4.951	5.005	VV	260	5148	0.28%	0.009%
131	5.019	5.005	5.023	VV	139	1160	0.06%	0.002%
132	5.038	5.023	5.074	VV	247	5184	0.28%	0.009%
133	5.086	5.074	5.096	VV	198	2039	0.11%	0.004%
134	5.101	5.096	5.113	VV	216	1584	0.09%	0.003%
135	5.123	5.113	5.127	VV	200	1244	0.07%	0.002%
136	5.135	5.127	5.140	VV	220	1155	0.06%	0.002%
137	5.153	5.140	5.156	VV	177	1271	0.07%	0.002%
138	5.166	5.156	5.192	VV	197	3090	0.17%	0.005%
139	5.196	5.192	5.206	VV	142	1022	0.06%	0.002%
140	5.217	5.206	5.228	VV	199	1813	0.10%	0.003%
141	5.239	5.228	5.252	VV	155	1811	0.10%	0.003%

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142	5.261	5.252	5.279	VV	192	2038	0.11%	0.004%
143	5.293	5.279	5.307	VV	163	2088	0.11%	0.004%
144	5.311	5.307	5.319	VV	174	1094	0.06%	0.002%
145	5.321	5.319	5.326	VV	230	661	0.04%	0.001%
146	5.331	5.326	5.353	VV	181	1868	0.10%	0.003%
147	5.361	5.353	5.373	VV	139	1338	0.07%	0.002%
148	5.392	5.373	5.399	VV	170	1779	0.10%	0.003%
149	5.404	5.399	5.425	VV	158	1861	0.10%	0.003%
150	5.435	5.425	5.457	VV	191	2277	0.12%	0.004%
151	5.477	5.457	5.522	VV	398	8283	0.45%	0.014%
152	5.527	5.522	5.542	VV	106	1317	0.07%	0.002%
153	5.552	5.542	5.559	VV	186	1313	0.07%	0.002%
154	5.563	5.559	5.570	VV	172	839	0.05%	0.001%
155	5.577	5.570	5.582	VV	137	843	0.05%	0.001%
156	5.586	5.582	5.598	VV	177	1058	0.06%	0.002%
157	5.619	5.598	5.640	VV	414	5879	0.32%	0.010%
158	5.649	5.640	5.661	VV	132	1304	0.07%	0.002%
159	5.669	5.661	5.673	VV	136	708	0.04%	0.001%
160	5.691	5.673	5.703	VV	194	1917	0.11%	0.003%
161	5.706	5.703	5.723	VV	151	793	0.04%	0.001%
162	5.751	5.723	5.783	VV	716	9540	0.52%	0.017%
163	5.816	5.783	5.831	PV	298	3996	0.22%	0.007%
164	5.846	5.831	5.892	VV	379	7110	0.39%	0.012%
165	5.921	5.892	5.934	VV	237	3558	0.20%	0.006%
166	5.939	5.934	5.953	VV	245	1181	0.06%	0.002%
167	5.956	5.953	5.965	VV	127	609	0.03%	0.001%
168	5.975	5.965	5.981	VV	143	892	0.05%	0.002%
169	5.985	5.981	5.992	PV	121	566	0.03%	0.001%
170	6.001	5.992	6.045	VV	196	3809	0.21%	0.007%
171	6.061	6.045	6.065	VV	199	1496	0.08%	0.003%
172	6.089	6.065	6.108	VV	258	3810	0.21%	0.007%
173	6.112	6.108	6.120	VV	202	1066	0.06%	0.002%
174	6.131	6.120	6.146	VV	263	3088	0.17%	0.005%
175	6.151	6.146	6.157	VV	238	962	0.05%	0.002%
176	6.159	6.157	6.165	VV	193	676	0.04%	0.001%
177	6.178	6.165	6.194	VV	192	2532	0.14%	0.004%
178	6.198	6.194	6.214	VV	174	1415	0.08%	0.002%
179	6.216	6.214	6.220	VV	157	356	0.02%	0.001%
180	6.235	6.220	6.244	VV	148	1654	0.09%	0.003%
181	6.250	6.244	6.262	VV	151	1364	0.07%	0.002%
182	6.268	6.262	6.284	VV	218	1755	0.10%	0.003%
183	6.289	6.284	6.318	VV	175	2217	0.12%	0.004%
184	6.325	6.318	6.332	VV	172	937	0.05%	0.002%
185	6.339	6.332	6.372	VV	247	4178	0.23%	0.007%
186	6.394	6.372	6.430	VV	2586	30186	1.66%	0.053%
187	6.444	6.430	6.474	VV	227	4038	0.22%	0.007%
188	6.478	6.474	6.498	VV	206	1915	0.11%	0.003%
189	6.502	6.498	6.514	VV	156	1117	0.06%	0.002%
190	6.519	6.514	6.525	VV	133	581	0.03%	0.001%
191	6.543	6.525	6.555	VV	216	2505	0.14%	0.004%
192	6.557	6.555	6.564	VV	146	587	0.03%	0.001%
193	6.573	6.564	6.593	VV	157	1886	0.10%	0.003%
194	6.597	6.593	6.605	VV	111	647	0.04%	0.001%

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195	6.619	6.605	6.639	VV	210	2983	0.16%	0.005%
196	6.642	6.639	6.648	VV	163	862	0.05%	0.002%
197	6.654	6.648	6.666	VV	261	1604	0.09%	0.003%
198	6.694	6.666	6.706	VV	369	4798	0.26%	0.008%
199	6.714	6.706	6.720	VV	248	1235	0.07%	0.002%
200	6.723	6.720	6.727	VV	167	629	0.03%	0.001%
201	6.737	6.727	6.750	VV	170	1924	0.11%	0.003%
202	6.771	6.750	6.786	VV	331	4319	0.24%	0.008%
203	6.802	6.786	6.829	VV	419	5806	0.32%	0.010%
204	6.853	6.829	6.880	VV	377	7623	0.42%	0.013%
205	6.888	6.880	6.908	VV	231	3189	0.17%	0.006%
206	6.928	6.908	6.962	VV	419	5893	0.32%	0.010%
207	6.966	6.962	6.989	VV	164	1738	0.10%	0.003%
208	7.001	6.989	7.037	VV	201	3017	0.17%	0.005%
209	7.054	7.037	7.076	VV	204	2246	0.12%	0.004%
210	7.079	7.076	7.090	VV	140	533	0.03%	0.001%
211	7.094	7.090	7.100	VV	115	352	0.02%	0.001%
212	7.125	7.100	7.155	VV	150	3316	0.18%	0.006%
213	7.163	7.155	7.167	PV	140	573	0.03%	0.001%
214	7.182	7.167	7.200	VV	235	2299	0.13%	0.004%
215	7.205	7.200	7.220	VV	107	906	0.05%	0.002%
216	7.222	7.220	7.238	VV	79	678	0.04%	0.001%
217	7.265	7.238	7.292	VV	200	3388	0.19%	0.006%
218	7.308	7.292	7.331	VV	308	4403	0.24%	0.008%
219	7.367	7.331	7.376	VV	321	4636	0.25%	0.008%
220	7.383	7.376	7.387	VV	270	1491	0.08%	0.003%
221	7.399	7.387	7.415	VV	317	3687	0.20%	0.006%
222	7.428	7.415	7.454	VV	343	4802	0.26%	0.008%
223	7.496	7.454	7.516	VV	1718	20552	1.13%	0.036%
224	7.527	7.516	7.545	VV	301	4177	0.23%	0.007%
225	7.550	7.545	7.564	VV	228	1904	0.10%	0.003%
226	7.579	7.564	7.583	VV	240	1816	0.10%	0.003%
227	7.587	7.583	7.594	VV	231	1052	0.06%	0.002%
228	7.596	7.594	7.607	VV	199	944	0.05%	0.002%
229	7.614	7.607	7.619	VV	169	978	0.05%	0.002%
230	7.635	7.619	7.659	VV	1564	17190	0.94%	0.030%
231	7.674	7.659	7.687	VV	285	3179	0.17%	0.006%
232	7.694	7.687	7.701	VV	190	1258	0.07%	0.002%
233	7.705	7.701	7.715	VV	242	1230	0.07%	0.002%
234	7.720	7.715	7.728	VV	195	1132	0.06%	0.002%
235	7.733	7.728	7.738	VV	165	858	0.05%	0.001%
236	7.789	7.738	7.793	VV	269	4863	0.27%	0.008%
237	7.807	7.793	7.844	VV	395	7183	0.39%	0.013%
238	7.848	7.844	7.861	VV	171	1200	0.07%	0.002%
239	7.867	7.861	7.902	VV	246	3289	0.18%	0.006%
240	7.912	7.902	7.922	VV	119	1047	0.06%	0.002%
241	7.933	7.922	7.942	VV	187	1320	0.07%	0.002%
242	7.945	7.942	7.950	VV	92	452	0.02%	0.001%
243	7.960	7.950	7.968	VV	124	988	0.05%	0.002%
244	7.987	7.968	8.022	VV	286	5147	0.28%	0.009%
245	8.025	8.022	8.076	VV	133	2419	0.13%	0.004%
246	8.097	8.076	8.124	PV	252	3627	0.20%	0.006%

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247	8.130	8.124	8.144	VV	102	817	0.04%	0.001%
248	8.149	8.144	8.155	VV	157	646	0.04%	0.001%
249	8.161	8.155	8.185	VV	122	1426	0.08%	0.002%
250	8.204	8.185	8.224	VV	1287	14055	0.77%	0.024%
251	8.240	8.224	8.257	VV	720	9022	0.49%	0.016%
252	8.265	8.257	8.285	VV	337	4232	0.23%	0.007%
253	8.293	8.285	8.323	VV	185	3780	0.21%	0.007%
254	8.340	8.323	8.348	VV	184	2048	0.11%	0.004%
255	8.361	8.348	8.365	VV	120	1053	0.06%	0.002%
256	8.369	8.365	8.374	VV	146	645	0.04%	0.001%
257	8.400	8.374	8.419	VV	465	7433	0.41%	0.013%
258	8.424	8.419	8.428	VV	284	1383	0.08%	0.002%
259	8.435	8.428	8.457	VV	303	3881	0.21%	0.007%
260	8.472	8.457	8.485	VV	230	3048	0.17%	0.005%
261	8.499	8.485	8.507	VV	749	6810	0.37%	0.012%
262	8.515	8.507	8.552	VV	722	9089	0.50%	0.016%
263	8.584	8.552	8.596	VV	381	6678	0.37%	0.012%
264	8.620	8.596	8.637	VV	1679	21177	1.16%	0.037%
265	8.651	8.637	8.664	VV	1165	12834	0.70%	0.022%
266	8.693	8.664	8.725	VV	904	23409	1.28%	0.041%
267	8.734	8.725	8.755	VV	348	5152	0.28%	0.009%
268	8.808	8.755	8.854	VV	2026	40793	2.24%	0.071%
269	8.863	8.854	8.884	VV	337	4335	0.24%	0.008%
270	8.897	8.884	8.933	VV	483	7689	0.42%	0.013%
271	8.949	8.933	8.977	VV	182	2801	0.15%	0.005%
272	8.990	8.977	9.009	VV	120	808	0.04%	0.001%
273	9.043	9.009	9.075	PV	474	10471	0.57%	0.018%
274	9.109	9.075	9.132	VV	4274	48761	2.67%	0.085%
275	9.153	9.132	9.179	VV	808	14869	0.82%	0.026%
276	9.185	9.179	9.197	VV	285	2539	0.14%	0.004%
277	9.231	9.197	9.271	VV	506	14086	0.77%	0.025%
278	9.275	9.271	9.294	VV	198	1764	0.10%	0.003%
279	9.302	9.294	9.315	VV	213	2286	0.13%	0.004%
280	9.352	9.315	9.369	VV	880	14840	0.81%	0.026%
281	9.385	9.369	9.404	VV	2709	29147	1.60%	0.051%
282	9.422	9.404	9.465	VV	1553	26946	1.48%	0.047%
283	9.476	9.465	9.495	VV	336	4459	0.24%	0.008%
284	9.525	9.495	9.546	VV	1259	16876	0.93%	0.029%
285	9.564	9.546	9.586	VV	849	11488	0.63%	0.020%
286	9.590	9.586	9.609	VV	187	1788	0.10%	0.003%
287	9.614	9.609	9.645	VV	146	1838	0.10%	0.003%
288	9.682	9.645	9.700	PV	793	10342	0.57%	0.018%
289	9.713	9.700	9.747	VV	673	8390	0.46%	0.015%
290	9.767	9.747	9.783	VV	381	4043	0.22%	0.007%
291	9.820	9.783	9.845	VV	843	12741	0.70%	0.022%
292	9.859	9.845	9.875	VV	244	3468	0.19%	0.006%
293	9.903	9.875	9.953	VV	4932	59793	3.28%	0.104%
294	9.984	9.953	10.015	VV	954	17533	0.96%	0.031%
295	10.028	10.015	10.035	VV	551	5287	0.29%	0.009%
296	10.056	10.035	10.075	VV	1309	19343	1.06%	0.034%
297	10.086	10.075	10.099	VV	532	6081	0.33%	0.011%
298	10.115	10.099	10.139	VV	829	11929	0.65%	0.021%
299	10.183	10.139	10.209	VV	13417	143588	7.87%	0.250%

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300	10.230	10.209	10.269	VV	1375	24501	1.34%	0.043%
301	10.275	10.269	10.281	VV	385	2649	0.15%	0.005%
302	10.284	10.281	10.291	VV	378	2059	0.11%	0.004%
303	10.329	10.291	10.372	VV	1721	40331	2.21%	0.070%
304	10.392	10.372	10.408	VV	450	6167	0.34%	0.011%
305	10.425	10.408	10.449	VV	395	5668	0.31%	0.010%
306	10.470	10.449	10.474	VV	170	1645	0.09%	0.003%
307	10.498	10.474	10.520	VV	332	5279	0.29%	0.009%
308	10.534	10.520	10.557	VV	338	4496	0.25%	0.008%
309	10.562	10.557	10.571	VV	215	1140	0.06%	0.002%
310	10.575	10.571	10.580	VV	91	219	0.01%	0.000%
311	10.595	10.580	10.614	PV	160	1871	0.10%	0.003%
312	10.623	10.614	10.630	VV	130	781	0.04%	0.001%
313	10.659	10.630	10.685	VV	955	13780	0.76%	0.024%
314	10.708	10.685	10.730	VV	822	12533	0.69%	0.022%
315	10.767	10.730	10.777	VV	832	12742	0.70%	0.022%
316	10.796	10.777	10.819	VV	1810	24267	1.33%	0.042%
317	10.836	10.819	10.885	VV	986	16342	0.90%	0.028%
318	10.914	10.885	10.945	VV	966	18662	1.02%	0.032%
319	10.965	10.945	10.983	VV	2666	33515	1.84%	0.058%
320	10.990	10.983	11.003	VV	1016	9924	0.54%	0.017%
321	11.016	11.003	11.037	VV	834	11626	0.64%	0.020%
322	11.058	11.037	11.074	VV	1243	17012	0.93%	0.030%
323	11.086	11.074	11.098	VV	1073	11603	0.64%	0.020%
324	11.124	11.098	11.156	VV	2676	47412	2.60%	0.083%
325	11.167	11.156	11.181	VV	562	7092	0.39%	0.012%
326	11.185	11.181	11.197	VV	418	3334	0.18%	0.006%
327	11.216	11.197	11.235	VV	650	10020	0.55%	0.017%
328	11.247	11.235	11.267	VV	294	4461	0.24%	0.008%
329	11.286	11.267	11.295	VV	737	7679	0.42%	0.013%
330	11.321	11.295	11.365	VV	44371	468292	25.68%	0.815%
331	11.398	11.365	11.440	VV	15213	188629	10.35%	0.328%
332	11.455	11.440	11.470	VV	265	4012	0.22%	0.007%
333	11.493	11.470	11.544	VV	1696	25590	1.40%	0.045%
334	11.570	11.544	11.589	VV	917	13721	0.75%	0.024%
335	11.608	11.589	11.651	VV	4546	53581	2.94%	0.093%
336	11.698	11.651	11.707	PV	533	11258	0.62%	0.020%
337	11.733	11.707	11.739	VV	726	11056	0.61%	0.019%
338	11.767	11.739	11.792	VV	1592	28354	1.56%	0.049%
339	11.852	11.792	11.894	VV	2355	59309	3.25%	0.103%
340	11.928	11.894	11.944	PV	1200	18224	1.00%	0.032%
341	11.965	11.944	12.001	VV	2164	44605	2.45%	0.078%
342	12.017	12.001	12.054	VV	1336	25649	1.41%	0.045%
343	12.083	12.054	12.104	VV	1072	17752	0.97%	0.031%
344	12.131	12.104	12.146	VV	6329	73075	4.01%	0.127%
345	12.162	12.146	12.200	VV	7853	95599	5.24%	0.166%
346	12.248	12.200	12.264	VV	6300	108133	5.93%	0.188%
347	12.280	12.264	12.295	VV	4660	54832	3.01%	0.095%
348	12.313	12.295	12.350	VV	5723	81293	4.46%	0.142%
349	12.353	12.350	12.371	VV	766	6561	0.36%	0.011%
350	12.391	12.371	12.415	VV	970	19308	1.06%	0.034%
351	12.447	12.415	12.470	VV	1906	43191	2.37%	0.075%

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352	12.489	12.470	12.512	VV	3702	46348	2.54%	0.081%
353	12.534	12.512	12.558	VV	1242	22604	1.24%	0.039%
354	12.604	12.558	12.625	VV	3777	60840	3.34%	0.106%
355	12.637	12.625	12.649	VV	890	9873	0.54%	0.017%
356	12.670	12.649	12.678	VV	1067	14621	0.80%	0.025%
357	12.694	12.678	12.741	VV	6720	108394	5.94%	0.189%
358	12.754	12.741	12.776	VV	1618	25526	1.40%	0.044%
359	12.787	12.776	12.799	VV	848	10027	0.55%	0.017%
360	12.816	12.799	12.827	VV	1046	14836	0.81%	0.026%
361	12.858	12.827	12.870	VV	1443	29545	1.62%	0.051%
362	12.878	12.870	12.899	VV	1144	15284	0.84%	0.027%
363	12.904	12.899	12.910	VV	520	3202	0.18%	0.006%
364	12.928	12.910	12.969	VV	2045	37020	2.03%	0.064%
365	12.988	12.969	13.017	VV	2569	37456	2.05%	0.065%
366	13.040	13.017	13.059	VV	4975	66948	3.67%	0.117%
367	13.087	13.059	13.127	VV	2828	79119	4.34%	0.138%
368	13.157	13.127	13.200	VV	53333	591890	32.46%	1.031%
369	13.216	13.200	13.238	VV	618	7829	0.43%	0.014%
370	13.260	13.238	13.273	PV	487	6335	0.35%	0.011%
371	13.317	13.273	13.331	VV	1823	38077	2.09%	0.066%
372	13.347	13.331	13.406	VV	2388	58146	3.19%	0.101%
373	13.411	13.406	13.430	VV	609	6126	0.34%	0.011%
374	13.458	13.430	13.485	VV	43755	484805	26.59%	0.844%
375	13.491	13.485	13.496	VV	1356	7967	0.44%	0.014%
376	13.514	13.496	13.529	VV	4286	51463	2.82%	0.090%
377	13.546	13.529	13.572	VV	4193	54668	3.00%	0.095%
378	13.590	13.572	13.614	VV	955	16517	0.91%	0.029%
379	13.632	13.614	13.640	VV	1765	18062	0.99%	0.031%
380	13.656	13.640	13.678	VV	2359	31232	1.71%	0.054%
381	13.727	13.678	13.745	PV	2753	52233	2.86%	0.091%
382	13.759	13.745	13.777	VV	1159	17060	0.94%	0.030%
383	13.797	13.777	13.822	VV	2040	31046	1.70%	0.054%
384	13.835	13.822	13.842	VV	884	8449	0.46%	0.015%
385	13.859	13.842	13.874	VV	1742	21390	1.17%	0.037%
386	13.885	13.874	13.898	VV	1138	14211	0.78%	0.025%
387	13.919	13.898	13.946	VV	3339	54428	2.99%	0.095%
388	13.968	13.946	14.001	VV	1010	23101	1.27%	0.040%
389	14.051	14.001	14.087	VV	7261	124544	6.83%	0.217%
390	14.119	14.087	14.134	VV	1044	17472	0.96%	0.030%
391	14.160	14.134	14.181	VV	4346	58752	3.22%	0.102%
392	14.201	14.181	14.222	VV	4209	55487	3.04%	0.097%
393	14.243	14.222	14.267	VV	1575	26602	1.46%	0.046%
394	14.297	14.267	14.303	VV	2541	29642	1.63%	0.052%
395	14.306	14.303	14.314	VV	2432	15288	0.84%	0.027%
396	14.331	14.314	14.351	VV	4471	62550	3.43%	0.109%
397	14.373	14.351	14.407	VV	3343	49908	2.74%	0.087%
398	14.442	14.407	14.466	VV	991	18113	0.99%	0.032%
399	14.486	14.466	14.497	VV	415	5167	0.28%	0.009%
400	14.533	14.497	14.577	VV	882	25770	1.41%	0.045%
401	14.586	14.577	14.595	VV	466	3975	0.22%	0.007%
402	14.603	14.595	14.625	VV	498	4551	0.25%	0.008%
403	14.637	14.625	14.652	PV	331	3001	0.16%	0.005%
404	14.690	14.652	14.714	VV	876	15908	0.87%	0.028%

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405	14.730	14.714	14.735	VV	714	6638	0.36%	0.012%
406	14.765	14.735	14.774	VV	1121	21344	1.17%	0.037%
407	14.791	14.774	14.843	VV	4185	56619	3.11%	0.099%
408	14.866	14.843	14.884	VV	2176	27417	1.50%	0.048%
409	14.898	14.884	14.916	VV	944	12606	0.69%	0.022%
410	14.972	14.916	15.017	VV	3515	76674	4.21%	0.134%
411	15.038	15.017	15.059	VV	5770	71391	3.92%	0.124%
412	15.095	15.059	15.132	VV	4202	69636	3.82%	0.121%
413	15.159	15.132	15.176	PV	676	9808	0.54%	0.017%
414	15.204	15.176	15.264	VV	14851	222576	12.21%	0.388%
415	15.269	15.264	15.281	VV	138	1023	0.06%	0.002%
416	15.303	15.281	15.323	PV	1710	21966	1.20%	0.038%
417	15.350	15.323	15.370	VV	24170	277611	15.23%	0.483%
418	15.392	15.370	15.428	VV	22090	278653	15.28%	0.485%
419	15.446	15.428	15.472	VV	1025	14705	0.81%	0.026%
420	15.515	15.472	15.538	PV	4643	75038	4.12%	0.131%
421	15.557	15.538	15.569	VV	1133	17728	0.97%	0.031%
422	15.591	15.569	15.622	VV	2072	35132	1.93%	0.061%
423	15.652	15.622	15.684	PV	2544	48257	2.65%	0.084%
424	15.698	15.684	15.764	VV	2182	51704	2.84%	0.090%
425	15.791	15.764	15.858	VV	9251	175492	9.62%	0.306%
426	15.876	15.858	15.880	VV	641	7738	0.42%	0.013%
427	15.933	15.880	15.972	VV	6777	142631	7.82%	0.248%
428	15.987	15.972	16.007	VV	1925	29142	1.60%	0.051%
429	16.030	16.007	16.050	VV	5873	76460	4.19%	0.133%
430	16.068	16.050	16.091	VV	2792	36898	2.02%	0.064%
431	16.119	16.091	16.128	VV	1006	15384	0.84%	0.027%
432	16.137	16.128	16.141	VV	722	5612	0.31%	0.010%
433	16.192	16.141	16.224	VV	3102	80742	4.43%	0.141%
434	16.268	16.224	16.297	PV	1317	25463	1.40%	0.044%
435	16.317	16.297	16.336	PV	1043	13524	0.74%	0.024%
436	16.358	16.336	16.371	VV	1258	15756	0.86%	0.027%
437	16.389	16.371	16.414	VV	1056	15808	0.87%	0.028%
438	16.439	16.414	16.462	VV	3317	53417	2.93%	0.093%
439	16.470	16.462	16.487	VV	1178	13350	0.73%	0.023%
440	16.494	16.487	16.514	VV	590	6546	0.36%	0.011%
441	16.535	16.514	16.554	VV	476	7162	0.39%	0.012%
442	16.563	16.554	16.581	VV	481	3513	0.19%	0.006%
443	16.642	16.581	16.662	PV	2196	44674	2.45%	0.078%
444	16.671	16.662	16.688	VV	1196	11672	0.64%	0.020%
445	16.707	16.688	16.718	VV	1194	15610	0.86%	0.027%
446	16.745	16.718	16.772	VV	1761	37536	2.06%	0.065%
447	16.815	16.772	16.832	VV	4347	82384	4.52%	0.143%
448	16.846	16.832	16.874	VV	2604	39567	2.17%	0.069%
449	16.923	16.874	16.985	VV	28754	516087	28.30%	0.899%
450	17.008	16.985	17.014	VV	1250	13291	0.73%	0.023%
451	17.053	17.014	17.073	VV	4984	78860	4.32%	0.137%
452	17.093	17.073	17.108	VV	1961	29524	1.62%	0.051%
453	17.144	17.108	17.165	VV	1737	39323	2.16%	0.068%
454	17.179	17.165	17.188	VV	1186	12278	0.67%	0.021%
455	17.245	17.188	17.273	VV	13181	232362	12.74%	0.405%
456	17.302	17.273	17.342	VV	17813	232959	12.78%	0.406%

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457	17.402	17.342	17.424	PV	7188	130786	7.17%	0.228%
458	17.445	17.424	17.454	VV	2925	49798	2.73%	0.087%
459	17.459	17.454	17.490	VV	2512	34707	1.90%	0.060%
460	17.493	17.490	17.500	VV	1045	4950	0.27%	0.009%
461	17.539	17.500	17.552	VV	2234	50531	2.77%	0.088%
462	17.566	17.552	17.577	VV	2167	27937	1.53%	0.049%
463	17.585	17.577	17.590	VV	1557	10625	0.58%	0.019%
464	17.614	17.590	17.628	VV	1765	35875	1.97%	0.062%
465	17.669	17.628	17.699	VV	4030	113117	6.20%	0.197%
466	17.722	17.699	17.736	VV	2795	53049	2.91%	0.092%
467	17.761	17.736	17.787	VV	7462	141309	7.75%	0.246%
468	17.805	17.787	17.820	VV	3344	56570	3.10%	0.099%
469	17.845	17.820	17.871	VV	7127	130109	7.14%	0.227%
470	17.896	17.871	17.913	VV	2802	50435	2.77%	0.088%
471	17.938	17.913	17.949	VV	2430	41362	2.27%	0.072%
472	17.972	17.949	18.010	VV	3984	92307	5.06%	0.161%
473	18.032	18.010	18.047	VV	2754	43873	2.41%	0.076%
474	18.061	18.047	18.072	VV	2241	29184	1.60%	0.051%
475	18.088	18.072	18.095	VV	2029	26172	1.44%	0.046%
476	18.113	18.095	18.124	VV	2267	32826	1.80%	0.057%
477	18.136	18.124	18.143	VV	2276	23151	1.27%	0.040%
478	18.150	18.143	18.162	VV	2215	23768	1.30%	0.041%
479	18.170	18.162	18.180	VV	2448	23018	1.26%	0.040%
480	18.210	18.180	18.217	VV	3447	59928	3.29%	0.104%
481	18.231	18.217	18.237	VV	3333	38285	2.10%	0.067%
482	18.249	18.237	18.253	VV	3486	29721	1.63%	0.052%
483	18.259	18.253	18.267	VV	3777	28250	1.55%	0.049%
484	18.289	18.267	18.327	VV	8157	176403	9.67%	0.307%
485	18.335	18.327	18.340	VV	2956	20322	1.11%	0.035%
486	18.351	18.340	18.357	VV	3402	31426	1.72%	0.055%
487	18.367	18.357	18.373	VV	3675	33248	1.82%	0.058%
488	18.385	18.373	18.396	VV	3548	46241	2.54%	0.081%
489	18.412	18.396	18.418	VV	3623	40939	2.25%	0.071%
490	18.421	18.418	18.426	VV	3259	14685	0.81%	0.026%
491	18.450	18.426	18.472	VV	7632	146617	8.04%	0.255%
492	18.479	18.472	18.497	VV	4284	53974	2.96%	0.094%
493	18.508	18.497	18.518	VV	2867	33074	1.81%	0.058%
494	18.527	18.518	18.551	VV	3369	53955	2.96%	0.094%
495	18.558	18.551	18.563	VV	2800	17892	0.98%	0.031%
496	18.592	18.563	18.606	VV	6346	105184	5.77%	0.183%
497	18.648	18.606	18.665	VV	11959	260998	14.31%	0.454%
498	18.681	18.665	18.700	VV	16613	238851	13.10%	0.416%
499	18.716	18.700	18.741	VV	10670	199059	10.92%	0.347%
500	18.747	18.741	18.751	VV	4258	24913	1.37%	0.043%
501	18.764	18.751	18.779	VV	5761	81694	4.48%	0.142%
502	18.818	18.779	18.845	VV	11282	302471	16.59%	0.527%
503	18.852	18.845	18.864	VV	8495	87649	4.81%	0.153%
504	18.869	18.864	18.877	VV	6428	45233	2.48%	0.079%
505	18.884	18.877	18.901	VV	5935	73994	4.06%	0.129%
506	18.940	18.901	18.966	VV	17926	349785	19.18%	0.609%
507	18.984	18.966	18.993	VV	6583	99827	5.47%	0.174%
508	19.026	18.993	19.050	VV	8714	250152	13.72%	0.436%
509	19.073	19.050	19.090	VV	11408	217136	11.91%	0.378%

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510	19.127	19.090	19.150	VV	13279	348498	19.11%	0.607%
511	19.162	19.150	19.179	VV	8957	141989	7.79%	0.247%
512	19.198	19.179	19.206	VV	8139	126584	6.94%	0.220%
513	19.246	19.206	19.279	VV	12188	423052	23.20%	0.737%
514	19.305	19.279	19.314	VV	11315	224879	12.33%	0.392%
515	19.321	19.314	19.330	VV	9642	91267	5.01%	0.159%
516	19.349	19.330	19.353	VV	9771	125126	6.86%	0.218%
517	19.377	19.353	19.384	VV	11349	187927	10.31%	0.327%
518	19.389	19.384	19.397	VV	10998	86126	4.72%	0.150%
519	19.407	19.397	19.412	VV	11386	95353	5.23%	0.166%
520	19.417	19.412	19.439	VV	11510	181714	9.97%	0.316%
521	19.445	19.439	19.451	VV	11737	84986	4.66%	0.148%
522	19.490	19.451	19.513	VV	19606	566717	31.08%	0.987%
523	19.532	19.513	19.550	VV	18059	351963	19.30%	0.613%
524	19.554	19.550	19.564	VV	13738	111839	6.13%	0.195%
525	19.581	19.564	19.600	VV	14660	288485	15.82%	0.502%
526	19.616	19.600	19.636	VV	14644	288677	15.83%	0.503%
527	19.658	19.636	19.684	VV	14206	385833	21.16%	0.672%
528	19.690	19.684	19.697	VV	13586	102969	5.65%	0.179%
529	19.704	19.697	19.712	VV	13362	116088	6.37%	0.202%
530	19.729	19.712	19.733	VV	13874	165269	9.06%	0.288%
531	19.739	19.733	19.757	VV	14499	189505	10.39%	0.330%
532	19.773	19.757	19.781	VV	14071	188486	10.34%	0.328%
533	19.787	19.781	19.792	VV	13639	88936	4.88%	0.155%
534	19.805	19.792	19.825	VV	14102	271634	14.90%	0.473%
535	19.918	19.825	19.932	VV	19344	1004603	55.10%	1.749%
536	19.954	19.932	19.958	VV	18559	270484	14.83%	0.471%
537	19.963	19.958	19.968	VV	18367	98933	5.43%	0.172%
538	19.973	19.968	19.981	VV	17964	133209	7.31%	0.232%
539	19.986	19.981	20.009	VV	16809	279514	15.33%	0.487%
540	20.044	20.009	20.070	VV	19090	654783	35.91%	1.140%
541	20.101	20.070	20.129	VV	23994	715837	39.26%	1.247%
542	20.138	20.129	20.142	VV	21111	169226	9.28%	0.295%
543	20.171	20.142	20.200	VV	25148	791774	43.42%	1.379%
544	20.241	20.200	20.255	VV	26374	828104	45.42%	1.442%
545	20.262	20.255	20.268	VV	26096	197101	10.81%	0.343%
546	20.293	20.268	20.320	VV	28297	816393	44.77%	1.422%
547	20.328	20.320	20.332	VV	26738	186562	10.23%	0.325%
548	20.336	20.332	20.342	VV	25911	159224	8.73%	0.277%
549	20.358	20.342	20.387	VV	26546	678209	37.20%	1.181%
550	20.392	20.387	20.399	VV	24567	171660	9.41%	0.299%
551	20.481	20.399	20.505	VV	36402	1823353	100.00%	3.175%
552	20.514	20.505	20.519	VV	31474	257162	14.10%	0.448%
553	20.536	20.519	20.540	VV	33678	422008	23.14%	0.735%
554	20.548	20.540	20.568	VV	34703	553888	30.38%	0.965%
555	20.581	20.568	20.608	VV	34151	798059	43.77%	1.390%
556	20.627	20.608	20.640	VV	36473	671869	36.85%	1.170%
557	20.650	20.640	20.655	VV	35696	301198	16.52%	0.524%
558	20.659	20.655	20.686	VV	35923	642291	35.23%	1.118%
559	20.705	20.686	20.710	VV	34913	482394	26.46%	0.840%
560	20.716	20.710	20.749	VV	35232	777982	42.67%	1.355%
561	20.754	20.749	20.772	VV	34377	470611	25.81%	0.819%

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562	20.777	20.772	20.782	VV	33678	199896	10.96%	0.348%
563	20.785	20.782	20.798	VV	33491	310058	17.00%	0.540%
564	20.807	20.798	20.816	VV	32520	335086	18.38%	0.583%
565	20.821	20.816	20.825	VV	32643	187539	10.29%	0.327%
566	20.829	20.825	20.836	VV	33000	200045	10.97%	0.348%
567	20.839	20.836	20.843	VV	32512	141103	7.74%	0.246%
568	20.849	20.843	20.854	VV	33284	210443	11.54%	0.366%
569	20.860	20.854	20.875	VV	32694	422478	23.17%	0.736%
570	20.882	20.875	20.918	VV	33254	843211	46.25%	1.468%
571	20.932	20.918	20.941	VV	33580	436468	23.94%	0.760%
572	20.946	20.941	20.952	VV	34043	222533	12.20%	0.388%
573	20.957	20.952	20.980	VV	33439	558917	30.65%	0.973%
574	20.984	20.980	20.999	VV	31422	346884	19.02%	0.604%
575	21.005	20.999	21.010	VV	30290	199615	10.95%	0.348%
576	21.014	21.010	21.017	VV	29952	112937	6.19%	0.197%
577	21.041	21.017	21.070	VV	31432	967275	53.05%	1.684%
578	21.076	21.070	21.083	VV	28448	210639	11.55%	0.367%
579	21.111	21.083	21.124	VV	27704	668904	36.69%	1.165%
580	21.148	21.124	21.154	VV	28713	492293	27.00%	0.857%
581	21.175	21.154	21.181	VV	29311	461945	25.33%	0.804%
582	21.196	21.181	21.200	VV	30170	351849	19.30%	0.613%
583	21.210	21.200	21.217	VV	30484	298238	16.36%	0.519%
584	21.223	21.217	21.229	VV	29769	205698	11.28%	0.358%
585	21.242	21.229	21.253	VV	30029	420809	23.08%	0.733%
586	21.266	21.253	21.280	VV	29964	479512	26.30%	0.835%
587	21.311	21.280	21.318	VV	30338	661194	36.26%	1.151%
588	21.322	21.318	21.336	VV	30962	325189	17.83%	0.566%
589	21.341	21.336	21.397	VV	30388	1032810	56.64%	1.798%
590	21.401	21.397	21.431	VV	25349	484832	26.59%	0.844%
591	21.444	21.431	21.448	VV	24772	245968	13.49%	0.428%
592	21.454	21.448	21.470	VV	24986	328887	18.04%	0.573%
593	21.475	21.470	21.485	VV	23835	207117	11.36%	0.361%
594	21.490	21.485	21.512	VV	23465	369449	20.26%	0.643%
595	21.546	21.512	21.556	VV	24329	602086	33.02%	1.048%
596	21.569	21.556	21.578	VV	24450	310425	17.02%	0.541%
597	21.583	21.578	21.602	VV	23848	342740	18.80%	0.597%
598	21.629	21.602	21.634	VV	23820	432617	23.73%	0.753%
599	21.640	21.634	21.656	VV	23544	298662	16.38%	0.520%
600	21.660	21.656	21.672	VV	22159	206524	11.33%	0.360%
601	21.676	21.672	21.699	VV	21744	340261	18.66%	0.593%
602	21.704	21.699	21.715	VV	22474	211276	11.59%	0.368%
603	21.723	21.715	21.757	VV	22826	544780	29.88%	0.949%
604	21.764	21.757	21.786	VV	21517	362783	19.90%	0.632%
605	21.793	21.786	21.807	VV	22130	269377	14.77%	0.469%
606	21.812	21.807	21.827	VV	22030	252753	13.86%	0.440%
607	21.832	21.827	21.882	VV	20082	610449	33.48%	1.063%
608	21.892	21.882	21.897	VV	17581	152578	8.37%	0.266%
609	21.940	21.897	21.945	VV	18105	495922	27.20%	0.864%
610	21.960	21.945	21.983	VV	17616	385330	21.13%	0.671%
611	21.989	21.983	22.031	VV	17362	429909	23.58%	0.749%
612	22.035	22.031	22.047	VV	13569	132020	7.24%	0.230%
613	22.048	22.047	22.053	VV	13272	47294	2.59%	0.082%
614	22.059	22.053	22.072	VV	14062	153072	8.40%	0.267%

						rteres		
615	22.081	22.072	22.087	VV	14360	125700	6.89%	0.219%
616	22.101	22.087	22.109	VV	14377	181924	9.98%	0.317%
617	22.143	22.109	22.150	VV	15221	365621	20.05%	0.637%
618	22.153	22.150	22.157	VV	15312	56342	3.09%	0.098%
619	22.178	22.157	22.183	VV	18168	259936	14.26%	0.453%
620	22.188	22.183	22.223	VV	18115	374260	20.53%	0.652%
621	22.228	22.223	22.260	VV	13772	286117	15.69%	0.498%
622	22.278	22.260	22.294	VV	12823	248167	13.61%	0.432%
623	22.301	22.294	22.307	VV	11620	87280	4.79%	0.152%
624	22.316	22.307	22.322	VV	11922	104494	5.73%	0.182%
625	22.326	22.322	22.330	VV	10792	45775	2.51%	0.080%
626	22.336	22.330	22.341	VV	11337	73769	4.05%	0.128%
627	22.346	22.341	22.360	VV	11983	135544	7.43%	0.236%
628	22.370	22.360	22.411	VV	12327	320825	17.60%	0.559%
629	22.416	22.411	22.430	VV	9176	100196	5.50%	0.174%
630	22.445	22.430	22.450	VV	9517	108635	5.96%	0.189%
631	22.458	22.450	22.464	VV	9325	70966	3.89%	0.124%
632	22.471	22.464	22.478	VV	9659	73987	4.06%	0.129%
633	22.481	22.478	22.491	VV	8470	64067	3.51%	0.112%
634	22.497	22.491	22.529	VV	8586	181829	9.97%	0.317%
635	22.544	22.529	22.553	VV	7756	109433	6.00%	0.191%
636	22.558	22.553	22.585	VV	7284	126268	6.93%	0.220%
637	22.593	22.585	22.605	VV	6921	74896	4.11%	0.130%
638	22.621	22.605	22.630	VV	7132	97606	5.35%	0.170%
639	22.637	22.630	22.661	VV	7041	116569	6.39%	0.203%
640	22.665	22.661	22.679	VV	6227	56681	3.11%	0.099%
641	22.698	22.679	22.701	VV	6217	74977	4.11%	0.131%
642	22.707	22.701	22.714	VV	6811	49574	2.72%	0.086%
643	22.719	22.714	22.724	VV	6545	35184	1.93%	0.061%
644	22.726	22.724	22.751	VV	6567	94879	5.20%	0.165%
645	22.755	22.751	22.759	VV	5884	29066	1.59%	0.051%
646	22.763	22.759	22.770	VV	5620	36062	1.98%	0.063%
647	22.775	22.770	22.780	VV	5325	29988	1.64%	0.052%
648	22.785	22.780	22.790	VV	5455	29188	1.60%	0.051%
649	22.804	22.790	22.835	VV	5568	114298	6.27%	0.199%
650	22.850	22.835	22.862	VV	4445	61604	3.38%	0.107%
651	22.868	22.862	22.877	VV	3517	27313	1.50%	0.048%
652	22.887	22.877	22.899	VV	4225	43772	2.40%	0.076%
653	22.907	22.899	22.918	VV	3800	36366	1.99%	0.063%
654	22.924	22.918	22.939	VV	3160	31624	1.73%	0.055%
655	22.951	22.939	22.985	VV	2334	34386	1.89%	0.060%
656	22.991	22.985	23.000	PBA	397	36642	2.01%	0.064%
				Sum of corrected areas:		57427278		

FG070925.M Sat Jul 12 01:51:09 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016139.D	1	07/10/25 09:00	07/10/25 16:12	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	17300		423	3120	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	15.9		37 - 130	79%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016139.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 16:12
Operator : YP\AJ
Sample : Q2473-04
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PIT#4

Integration File: autoint1.e
Quant Time: Jul 11 02:57:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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...	15.097	1545547	15.872 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

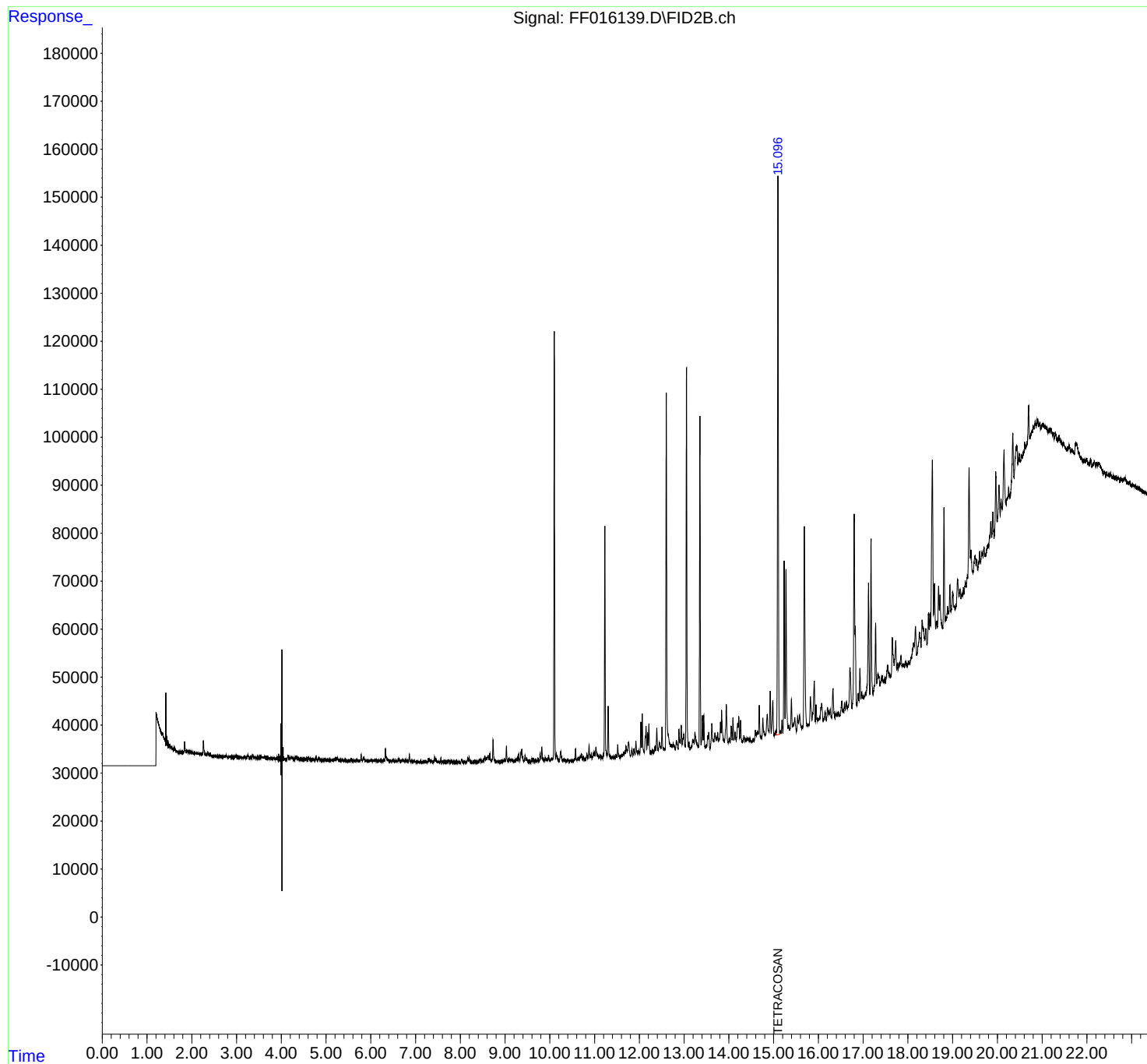
(m)=manual int.

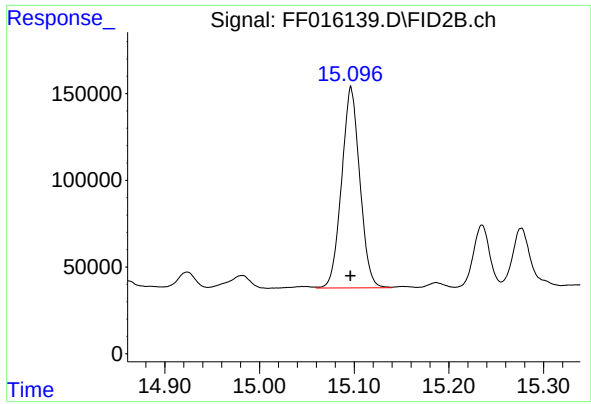
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016139.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 16:12
Operator : YP\AJ
Sample : Q2473-04
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PIT#4

Integration File: autoint1.e
Quant Time: Jul 11 02:57:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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.: 15.097 min
Delta R.T.: 0.000 min
Response: 1545547
Conc: 15.87 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016139.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 16:12
 Sample : Q2473-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.205	1.198	1.334	BV	10983	675252	31.96%	1.303%
2	1.343	1.334	1.375	VV	6802	151835	7.19%	0.293%
3	1.378	1.375	1.418	VV	5878	140213	6.64%	0.271%
4	1.422	1.418	1.427	VV	12682	30356	1.44%	0.059%
5	1.434	1.427	1.478	VV	5811	145449	6.88%	0.281%
6	1.480	1.478	1.530	VV	4678	124681	5.90%	0.241%
7	1.532	1.530	1.600	VV	3813	142773	6.76%	0.275%
8	1.619	1.600	1.665	VV	3555	122358	5.79%	0.236%
9	1.671	1.665	1.703	VV	2845	60679	2.87%	0.117%
10	1.706	1.703	1.727	VV	2559	36894	1.75%	0.071%
11	1.757	1.727	1.783	VV	2697	85204	4.03%	0.164%
12	1.786	1.783	1.808	VV	2590	38402	1.82%	0.074%
13	1.814	1.808	1.818	VV	2503	14514	0.69%	0.028%
14	1.840	1.818	1.883	VV	4770	123982	5.87%	0.239%
15	1.895	1.883	1.938	VV	2858	87759	4.15%	0.169%
16	1.956	1.938	2.001	VV	2614	94939	4.49%	0.183%
17	2.006	2.001	2.020	VV	2529	27479	1.30%	0.053%
18	2.025	2.020	2.042	VV	2390	30365	1.44%	0.059%
19	2.050	2.042	2.057	VV	2332	19716	0.93%	0.038%
20	2.061	2.057	2.069	VV	2306	16657	0.79%	0.032%
21	2.090	2.069	2.114	VV	2266	59010	2.79%	0.114%
22	2.120	2.114	2.149	VV	2196	45520	2.15%	0.088%
23	2.153	2.149	2.163	VV	2106	16405	0.78%	0.032%
24	2.178	2.163	2.190	VV	2077	33296	1.58%	0.064%
25	2.194	2.190	2.221	VV	2062	36882	1.75%	0.071%
26	2.227	2.221	2.245	VV	2041	28278	1.34%	0.055%
27	2.259	2.245	2.314	VV	4795	109321	5.17%	0.211%
28	2.319	2.314	2.332	VV	1826	18620	0.88%	0.036%
29	2.354	2.332	2.389	VV	2431	67618	3.20%	0.130%
30	2.405	2.389	2.470	VV	2051	82594	3.91%	0.159%
31	2.475	2.470	2.487	VV	1567	15410	0.73%	0.030%
32	2.491	2.487	2.495	VV	1553	7241	0.34%	0.014%
33	2.507	2.495	2.541	VV	1537	39954	1.89%	0.077%
34	2.544	2.541	2.550	VV	1453	7528	0.36%	0.015%
35	2.555	2.550	2.566	VV	1415	13543	0.64%	0.026%
36	2.567	2.566	2.581	VV	1427	12389	0.59%	0.024%

					rteres			
37	2.584	2.581	2.600	VV	1430	15459	0.73%	0.030%
38	2.608	2.600	2.615	VV	1385	12014	0.57%	0.023%
39	2.620	2.615	2.626	VV	1361	8505	0.40%	0.016%
40	2.646	2.626	2.676	VV	1426	41029	1.94%	0.079%
41	2.684	2.676	2.703	VV	1361	19940	0.94%	0.038%
42	2.707	2.703	2.713	VV	1301	8079	0.38%	0.016%
43	2.720	2.713	2.739	VV	1296	18687	0.88%	0.036%
44	2.767	2.739	2.806	VV	1574	51458	2.44%	0.099%
45	2.835	2.806	2.863	VV	1270	40100	1.90%	0.077%
46	2.869	2.863	2.875	VV	1183	7850	0.37%	0.015%
47	2.881	2.875	2.897	VV	1187	14713	0.70%	0.028%
48	2.900	2.897	2.915	VV	1100	11657	0.55%	0.022%
49	2.923	2.915	2.943	VV	1081	16691	0.79%	0.032%
50	2.954	2.943	2.961	VV	1063	11057	0.52%	0.021%
51	2.990	2.961	3.015	VV	1468	39124	1.85%	0.075%
52	3.037	3.015	3.067	VV	1221	32315	1.53%	0.062%
53	3.083	3.067	3.107	VV	1083	23711	1.12%	0.046%
54	3.130	3.107	3.144	VV	996	19802	0.94%	0.038%
55	3.156	3.144	3.176	VV	910	16222	0.77%	0.031%
56	3.200	3.176	3.213	VV	907	19261	0.91%	0.037%
57	3.217	3.213	3.233	VV	902	9438	0.45%	0.018%
58	3.253	3.233	3.303	VV	1432	42088	1.99%	0.081%
59	3.306	3.303	3.310	VV	803	3425	0.16%	0.007%
60	3.317	3.310	3.322	VV	797	5250	0.25%	0.010%
61	3.334	3.322	3.340	VV	808	8443	0.40%	0.016%
62	3.357	3.340	3.413	VV	1365	40683	1.93%	0.078%
63	3.420	3.413	3.432	VV	761	8047	0.38%	0.016%
64	3.435	3.432	3.440	VV	703	3572	0.17%	0.007%
65	3.442	3.440	3.447	VV	744	2842	0.13%	0.005%
66	3.470	3.447	3.502	VV	917	24532	1.16%	0.047%
67	3.511	3.502	3.519	VV	784	7318	0.35%	0.014%
68	3.522	3.519	3.536	VV	781	7942	0.38%	0.015%
69	3.547	3.536	3.569	VV	939	15302	0.72%	0.030%
70	3.581	3.569	3.591	VV	900	10390	0.49%	0.020%
71	3.595	3.591	3.609	VV	698	8188	0.39%	0.016%
72	3.626	3.609	3.680	VV	854	29994	1.42%	0.058%
73	3.698	3.680	3.729	VV	703	16555	0.78%	0.032%
74	3.738	3.729	3.761	VV	520	8882	0.42%	0.017%
75	3.803	3.761	3.827	VV	463	16584	0.78%	0.032%
76	3.839	3.827	3.870	VV	558	9197	0.44%	0.018%
77	3.920	3.870	3.952	VV	652	16726	0.79%	0.032%
78	3.974	3.952	3.994	VV	660	7301	0.35%	0.014%
79	4.041	3.995	4.091	BV	-956	-141694	-6.71%	-0.273%
80	4.097	4.091	4.114	PV	133	620	0.03%	0.001%
81	4.148	4.114	4.198	PV	886	18791	0.89%	0.036%
82	4.215	4.198	4.290	VV	622	19128	0.91%	0.037%
83	4.326	4.290	4.347	VV	566	13398	0.63%	0.026%
84	4.374	4.347	4.399	VV	527	11297	0.53%	0.022%
85	4.405	4.399	4.417	VV	240	2374	0.11%	0.005%
86	4.421	4.417	4.472	VV	274	5993	0.28%	0.012%
87	4.479	4.472	4.517	VV	202	3267	0.15%	0.006%
88	4.562	4.517	4.589	VV	289	7169	0.34%	0.014%
89	4.613	4.589	4.644	VV	519	8482	0.40%	0.016%

					rteres			
90	4.650	4.644	4.665	VV	286	2156	0.10%	0.004%
91	4.694	4.665	4.715	VV	224	4826	0.23%	0.009%
92	4.731	4.715	4.755	VV	211	3081	0.15%	0.006%
93	4.777	4.755	4.811	VV	952	12259	0.58%	0.024%
94	4.841	4.811	4.887	VV	581	11407	0.54%	0.022%
95	4.895	4.887	4.915	VV	145	1573	0.07%	0.003%
96	4.932	4.915	4.957	VV	143	1925	0.09%	0.004%
97	4.975	4.957	5.007	VV	264	4649	0.22%	0.009%
98	5.014	5.007	5.031	VV	151	1589	0.08%	0.003%
99	5.039	5.031	5.067	VV	134	2249	0.11%	0.004%
100	5.074	5.067	5.100	VV	181	2938	0.14%	0.006%
101	5.135	5.100	5.149	VV	242	5156	0.24%	0.010%
102	5.163	5.149	5.179	VV	331	4695	0.22%	0.009%
103	5.247	5.179	5.315	VV	597	25748	1.22%	0.050%
104	5.330	5.315	5.348	VV	288	3875	0.18%	0.007%
105	5.364	5.348	5.390	VV	244	3786	0.18%	0.007%
106	5.411	5.390	5.420	VV	228	2922	0.14%	0.006%
107	5.431	5.420	5.485	VV	264	5076	0.24%	0.010%
108	5.498	5.485	5.539	VV	143	2907	0.14%	0.006%
109	5.556	5.539	5.616	PV	725	11198	0.53%	0.022%
110	5.625	5.616	5.649	VV	156	1824	0.09%	0.004%
111	5.688	5.649	5.729	VV	501	7216	0.34%	0.014%
112	5.756	5.729	5.770	VV	325	4820	0.23%	0.009%
113	5.785	5.770	5.814	VV	1492	16918	0.80%	0.033%
114	5.831	5.814	5.911	VV	896	23061	1.09%	0.044%
115	5.921	5.911	5.964	VV	228	5120	0.24%	0.010%
116	6.021	5.964	6.041	VV	373	10432	0.49%	0.020%
117	6.069	6.041	6.091	VV	421	7059	0.33%	0.014%
118	6.120	6.091	6.149	VV	498	8032	0.38%	0.015%
119	6.197	6.149	6.212	VV	320	8361	0.40%	0.016%
120	6.220	6.212	6.250	VV	296	4775	0.23%	0.009%
121	6.260	6.250	6.269	VV	234	1818	0.09%	0.004%
122	6.288	6.269	6.306	VV	526	7963	0.38%	0.015%
123	6.327	6.306	6.380	VV	2771	45465	2.15%	0.088%
124	6.396	6.380	6.425	VV	541	9373	0.44%	0.018%
125	6.429	6.425	6.458	VV	261	3478	0.16%	0.007%
126	6.478	6.458	6.490	VV	284	3753	0.18%	0.007%
127	6.504	6.490	6.538	VV	481	7997	0.38%	0.015%
128	6.572	6.538	6.600	VV	328	9674	0.46%	0.019%
129	6.625	6.600	6.659	VV	729	12993	0.61%	0.025%
130	6.679	6.659	6.692	VV	378	5542	0.26%	0.011%
131	6.702	6.692	6.724	VV	494	7443	0.35%	0.014%
132	6.735	6.724	6.760	VV	434	7681	0.36%	0.015%
133	6.790	6.760	6.837	VV	614	15261	0.72%	0.029%
134	6.862	6.837	6.929	VV	1764	25897	1.23%	0.050%
135	6.943	6.929	7.029	VV	298	9276	0.44%	0.018%
136	7.050	7.029	7.060	VV	196	2329	0.11%	0.004%
137	7.068	7.060	7.086	VV	179	2081	0.10%	0.004%
138	7.122	7.086	7.173	VV	241	6849	0.32%	0.013%
139	7.195	7.173	7.218	PV	127	2802	0.13%	0.005%
140	7.246	7.218	7.262	VV	209	3215	0.15%	0.006%
141	7.285	7.262	7.347	VV	905	22758	1.08%	0.044%

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142	7.359	7.347	7.399	VV	364	7169	0.34%	0.014%
143	7.426	7.399	7.441	VV	1221	14847	0.70%	0.029%
144	7.455	7.441	7.502	VV	881	13185	0.62%	0.025%
145	7.515	7.502	7.544	VV	293	3499	0.17%	0.007%
146	7.565	7.544	7.590	VV	1077	11997	0.57%	0.023%
147	7.606	7.590	7.668	VV	326	8598	0.41%	0.017%
148	7.687	7.668	7.710	VV	211	3718	0.18%	0.007%
149	7.739	7.710	7.780	VV	479	9511	0.45%	0.018%
150	7.796	7.780	7.842	VV	370	8024	0.38%	0.015%
151	7.864	7.842	7.898	VV	230	4863	0.23%	0.009%
152	7.915	7.898	7.942	VV	176	3934	0.19%	0.008%
153	7.952	7.942	7.991	VV	229	3380	0.16%	0.007%
154	8.028	7.991	8.074	PV	855	12977	0.61%	0.025%
155	8.086	8.074	8.114	VV	194	2498	0.12%	0.005%
156	8.130	8.114	8.142	VV	242	2285	0.11%	0.004%
157	8.166	8.142	8.184	VV	1008	14841	0.70%	0.029%
158	8.198	8.184	8.261	VV	1282	20046	0.95%	0.039%
159	8.275	8.261	8.287	VV	152	1706	0.08%	0.003%
160	8.327	8.287	8.363	VV	402	9142	0.43%	0.018%
161	8.382	8.363	8.409	VV	214	4482	0.21%	0.009%
162	8.444	8.409	8.476	VV	764	17046	0.81%	0.033%
163	8.514	8.476	8.529	VV	606	11852	0.56%	0.023%
164	8.547	8.529	8.563	VV	1403	18557	0.88%	0.036%
165	8.575	8.563	8.587	VV	906	10543	0.50%	0.020%
166	8.622	8.587	8.643	VV	1509	34578	1.64%	0.067%
167	8.660	8.643	8.689	VV	1865	25868	1.22%	0.050%
168	8.732	8.689	8.807	VV	4723	74230	3.51%	0.143%
169	8.824	8.807	8.838	VV	356	4178	0.20%	0.008%
170	8.851	8.838	8.892	VV	224	3965	0.19%	0.008%
171	8.897	8.892	8.917	PV	119	1051	0.05%	0.002%
172	8.949	8.917	8.962	VV	235	4636	0.22%	0.009%
173	8.985	8.962	9.008	VV	544	10333	0.49%	0.020%
174	9.031	9.008	9.057	VV	3374	38123	1.80%	0.074%
175	9.099	9.057	9.134	VV	633	22475	1.06%	0.043%
176	9.163	9.134	9.210	VV	498	14943	0.71%	0.029%
177	9.229	9.210	9.250	VV	483	8665	0.41%	0.017%
178	9.274	9.250	9.290	VV	873	13678	0.65%	0.026%
179	9.306	9.290	9.329	VV	1763	20586	0.97%	0.040%
180	9.369	9.329	9.427	VV	2674	70542	3.34%	0.136%
181	9.448	9.427	9.468	VV	1400	19588	0.93%	0.038%
182	9.484	9.468	9.522	VV	890	13363	0.63%	0.026%
183	9.541	9.522	9.569	VV	213	3273	0.15%	0.006%
184	9.600	9.569	9.617	VV	737	9229	0.44%	0.018%
185	9.634	9.617	9.657	VV	740	9570	0.45%	0.018%
186	9.685	9.657	9.704	VV	561	7448	0.35%	0.014%
187	9.737	9.704	9.762	VV	679	11244	0.53%	0.022%
188	9.782	9.762	9.802	VV	1805	23252	1.10%	0.045%
189	9.821	9.802	9.860	VV	3111	46003	2.18%	0.089%
190	9.870	9.860	9.880	VV	462	4648	0.22%	0.009%
191	9.900	9.880	9.931	VV	928	17283	0.82%	0.033%
192	9.943	9.931	9.954	VV	530	5938	0.28%	0.011%
193	9.972	9.954	10.016	VV	1323	23618	1.12%	0.046%
194	10.034	10.016	10.055	VV	697	11634	0.55%	0.022%

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195	10.099	10.055	10.129	VV	89526	915883	43.35%	1.767%
196	10.145	10.129	10.210	VV	1803	40383	1.91%	0.078%
197	10.242	10.210	10.287	VV	2084	46679	2.21%	0.090%
198	10.307	10.287	10.324	VV	538	7108	0.34%	0.014%
199	10.337	10.324	10.366	VV	540	8362	0.40%	0.016%
200	10.409	10.366	10.435	PV	315	7295	0.35%	0.014%
201	10.450	10.435	10.492	VV	299	5063	0.24%	0.010%
202	10.510	10.492	10.525	PV	240	2760	0.13%	0.005%
203	10.574	10.525	10.601	VV	2637	36969	1.75%	0.071%
204	10.622	10.601	10.640	VV	683	9972	0.47%	0.019%
205	10.679	10.640	10.691	VV	979	18319	0.87%	0.035%
206	10.708	10.691	10.731	VV	1425	21076	1.00%	0.041%
207	10.749	10.731	10.772	VV	802	12706	0.60%	0.025%
208	10.789	10.772	10.805	VV	481	7502	0.36%	0.014%
209	10.827	10.805	10.855	VV	1204	23253	1.10%	0.045%
210	10.876	10.855	10.911	VV	3231	48332	2.29%	0.093%
211	10.926	10.911	10.945	VV	1203	16579	0.78%	0.032%
212	10.973	10.945	10.984	VV	1489	23402	1.11%	0.045%
213	10.996	10.984	11.010	VV	1531	19280	0.91%	0.037%
214	11.030	11.010	11.055	VV	2665	46476	2.20%	0.090%
215	11.061	11.055	11.114	VV	1152	26807	1.27%	0.052%
216	11.127	11.114	11.144	VV	1084	13206	0.63%	0.025%
217	11.165	11.144	11.178	VV	570	8939	0.42%	0.017%
218	11.229	11.178	11.277	VV	48599	543983	25.75%	1.049%
219	11.303	11.277	11.389	VV	11122	147466	6.98%	0.285%
220	11.409	11.389	11.444	VV	496	10979	0.52%	0.021%
221	11.476	11.444	11.497	VV	785	12689	0.60%	0.024%
222	11.517	11.497	11.562	VV	2922	41288	1.95%	0.080%
223	11.648	11.562	11.664	PV	1131	35309	1.67%	0.068%
224	11.677	11.664	11.689	VV	1461	17993	0.85%	0.035%
225	11.702	11.689	11.730	VV	2401	43964	2.08%	0.085%
226	11.761	11.730	11.804	VV	3113	76885	3.64%	0.148%
227	11.834	11.804	11.853	VV	1732	25585	1.21%	0.049%
228	11.876	11.853	11.902	VV	1637	31603	1.50%	0.061%
229	11.924	11.902	11.972	VV	3264	60514	2.86%	0.117%
230	11.988	11.972	12.010	VV	1258	20813	0.99%	0.040%
231	12.035	12.010	12.049	VV	7150	81585	3.86%	0.157%
232	12.065	12.049	12.109	VV	8819	118907	5.63%	0.229%
233	12.150	12.109	12.167	VV	6131	114994	5.44%	0.222%
234	12.183	12.167	12.197	VV	4752	56379	2.67%	0.109%
235	12.214	12.197	12.248	VV	6575	88643	4.20%	0.171%
236	12.258	12.248	12.271	VV	599	7026	0.33%	0.014%
237	12.292	12.271	12.319	VV	1043	20344	0.96%	0.039%
238	12.352	12.319	12.369	VV	1782	34825	1.65%	0.067%
239	12.391	12.369	12.415	VV	5526	74808	3.54%	0.144%
240	12.449	12.415	12.484	VV	2364	66598	3.15%	0.128%
241	12.506	12.484	12.551	VV	5623	93613	4.43%	0.181%
242	12.565	12.551	12.578	VV	1169	15638	0.74%	0.030%
243	12.603	12.578	12.698	VV	75047	1033520	48.91%	1.994%
244	12.711	12.698	12.726	VV	1773	26074	1.23%	0.050%
245	12.757	12.726	12.799	VV	1894	64016	3.03%	0.124%
246	12.828	12.799	12.865	VV	2532	58335	2.76%	0.113%

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247	12.886	12.865	12.915	VV	4730	79678	3.77%	0.154%
248	12.937	12.915	12.957	VV	5575	85701	4.06%	0.165%
249	12.995	12.957	13.020	VV	3616	92697	4.39%	0.179%
250	13.054	13.020	13.095	VV	79707	949593	44.94%	1.832%
251	13.107	13.095	13.137	VV	1628	26213	1.24%	0.051%
252	13.191	13.137	13.202	VV	2339	44858	2.12%	0.087%
253	13.214	13.202	13.227	VV	2155	27332	1.29%	0.053%
254	13.243	13.227	13.323	VV	3771	106578	5.04%	0.206%
255	13.353	13.323	13.380	VV	69677	789079	37.34%	1.522%
256	13.409	13.380	13.425	VV	7098	98315	4.65%	0.190%
257	13.441	13.425	13.469	VV	7086	86520	4.09%	0.167%
258	13.492	13.469	13.505	VV	786	12479	0.59%	0.024%
259	13.527	13.505	13.537	VV	2834	33624	1.59%	0.065%
260	13.550	13.537	13.577	VV	3450	46378	2.19%	0.089%
261	13.620	13.577	13.667	PV	5140	113161	5.36%	0.218%
262	13.688	13.667	13.714	VV	3137	65187	3.09%	0.126%
263	13.725	13.714	13.735	VV	1902	22951	1.09%	0.044%
264	13.751	13.735	13.769	VV	3132	44340	2.10%	0.086%
265	13.813	13.769	13.825	VV	5178	95524	4.52%	0.184%
266	13.838	13.825	13.894	VV	7432	139156	6.59%	0.268%
267	13.943	13.894	13.985	VV	8592	175197	8.29%	0.338%
268	14.010	13.985	14.027	VV	1422	25061	1.19%	0.048%
269	14.053	14.027	14.072	VV	3921	58500	2.77%	0.113%
270	14.091	14.072	14.115	VV	5618	74292	3.52%	0.143%
271	14.139	14.115	14.163	VV	2420	48246	2.28%	0.093%
272	14.196	14.163	14.207	VV	4354	71577	3.39%	0.138%
273	14.221	14.207	14.244	VV	5683	78281	3.70%	0.151%
274	14.262	14.244	14.300	VV	4845	64723	3.06%	0.125%
275	14.336	14.300	14.359	VV	1454	24911	1.18%	0.048%
276	14.372	14.359	14.384	VV	732	8785	0.42%	0.017%
277	14.404	14.384	14.415	VV	865	11424	0.54%	0.022%
278	14.426	14.415	14.460	VV	750	15831	0.75%	0.031%
279	14.473	14.460	14.496	VV	683	7499	0.35%	0.014%
280	14.535	14.496	14.540	PV	287	2590	0.12%	0.005%
281	14.554	14.540	14.568	VV	356	4042	0.19%	0.008%
282	14.592	14.568	14.612	VV	2192	33809	1.60%	0.065%
283	14.639	14.612	14.656	VV	1675	38579	1.83%	0.074%
284	14.679	14.656	14.732	VV	7226	102426	4.85%	0.198%
285	14.759	14.732	14.809	VV	4382	80030	3.79%	0.154%
286	14.858	14.809	14.899	VV	5006	122457	5.80%	0.236%
287	14.923	14.899	14.945	VV	9700	131279	6.21%	0.253%
288	14.981	14.945	15.010	VV	7538	128078	6.06%	0.247%
289	15.047	15.010	15.064	VV	1048	21709	1.03%	0.042%
290	15.097	15.064	15.140	VV	115555	1554564	73.57%	2.999%
291	15.152	15.140	15.167	VV	889	11065	0.52%	0.021%
292	15.187	15.167	15.207	VV	3127	36686	1.74%	0.071%
293	15.235	15.207	15.256	VV	36241	433921	20.54%	0.837%
294	15.276	15.256	15.320	VV	34425	470472	22.27%	0.908%
295	15.341	15.320	15.360	VV	1586	28592	1.35%	0.055%
296	15.398	15.360	15.421	VV	6942	109053	5.16%	0.210%
297	15.473	15.421	15.510	VV	3004	81745	3.87%	0.158%
298	15.537	15.510	15.557	PV	3103	47541	2.25%	0.092%
299	15.580	15.557	15.635	VV	3242	76495	3.62%	0.148%

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300	15.686	15.635	15.745	VV	42065	728149	34.46%	1.405%
301	15.755	15.745	15.769	VV	635	7513	0.36%	0.014%
302	15.823	15.769	15.858	VV	6100	132762	6.28%	0.256%
303	15.908	15.858	15.931	VV	9149	194510	9.21%	0.375%
304	15.949	15.931	15.982	VV	4214	62548	2.96%	0.121%
305	15.995	15.982	16.010	VV	1179	16367	0.77%	0.032%
306	16.074	16.010	16.120	VV	4070	127417	6.03%	0.246%
307	16.150	16.120	16.184	VV	2202	40321	1.91%	0.078%
308	16.204	16.184	16.222	VV	2690	41827	1.98%	0.081%
309	16.234	16.222	16.249	VV	2072	27459	1.30%	0.053%
310	16.266	16.249	16.290	VV	2215	32965	1.56%	0.064%
311	16.326	16.290	16.370	VV	6371	114274	5.41%	0.220%
312	16.392	16.370	16.405	VV	1058	14161	0.67%	0.027%
313	16.421	16.405	16.428	VV	724	7291	0.35%	0.014%
314	16.442	16.428	16.480	VV	900	16635	0.79%	0.032%
315	16.523	16.480	16.540	PV	3011	50723	2.40%	0.098%
316	16.552	16.540	16.563	VV	1002	11042	0.52%	0.021%
317	16.584	16.563	16.600	VV	2135	28275	1.34%	0.055%
318	16.622	16.600	16.647	VV	2010	38880	1.84%	0.075%
319	16.706	16.647	16.749	VV	8864	208798	9.88%	0.403%
320	16.801	16.749	16.861	VV	40334	787856	37.29%	1.520%
321	16.887	16.861	16.907	PV	2362	36224	1.71%	0.070%
322	16.928	16.907	16.950	VV	7353	96594	4.57%	0.186%
323	16.969	16.950	17.007	VV	2179	40107	1.90%	0.077%
324	17.025	17.007	17.034	VV	865	12754	0.60%	0.025%
325	17.050	17.034	17.064	VV	1409	19374	0.92%	0.037%
326	17.120	17.064	17.148	VV	23713	377783	17.88%	0.729%
327	17.177	17.148	17.225	VV	32642	417321	19.75%	0.805%
328	17.279	17.225	17.304	PV	14407	207876	9.84%	0.401%
329	17.328	17.304	17.374	VV	3458	100643	4.76%	0.194%
330	17.424	17.374	17.449	VV	2423	63731	3.02%	0.123%
331	17.457	17.449	17.465	VV	916	7668	0.36%	0.015%
332	17.487	17.465	17.504	VV	1385	21080	1.00%	0.041%
333	17.548	17.504	17.574	VV	3473	90558	4.29%	0.175%
334	17.588	17.574	17.605	VV	1633	24196	1.15%	0.047%
335	17.652	17.605	17.692	VV	8396	197332	9.34%	0.381%
336	17.727	17.692	17.750	VV	7467	150791	7.14%	0.291%
337	17.768	17.750	17.784	VV	2447	36274	1.72%	0.070%
338	17.808	17.784	17.819	VV	2151	36304	1.72%	0.070%
339	17.842	17.819	17.886	VV	3197	77891	3.69%	0.150%
340	17.901	17.886	17.925	VV	1271	21542	1.02%	0.042%
341	17.950	17.925	17.990	VV	1434	28160	1.33%	0.054%
342	18.023	17.990	18.041	PV	922	14784	0.70%	0.029%
343	18.125	18.041	18.142	VV	3779	111128	5.26%	0.214%
344	18.169	18.142	18.200	VV	6851	135219	6.40%	0.261%
345	18.258	18.200	18.294	VV	4689	151410	7.17%	0.292%
346	18.318	18.294	18.379	VV	6634	213340	10.10%	0.412%
347	18.400	18.379	18.427	VV	4206	80092	3.79%	0.155%
348	18.460	18.427	18.475	VV	6971	112571	5.33%	0.217%
349	18.493	18.475	18.508	VV	6550	100877	4.77%	0.195%
350	18.546	18.508	18.574	VV	38141	791043	37.44%	1.526%
351	18.593	18.574	18.620	VV	11910	210102	9.94%	0.405%

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352	18.638	18.620	18.655	VV	3780	62473	2.96%	0.121%
353	18.685	18.655	18.702	VV	10564	175198	8.29%	0.338%
354	18.717	18.702	18.779	VV	8484	182866	8.65%	0.353%
355	18.807	18.779	18.837	VV	25643	347475	16.44%	0.670%
356	18.850	18.837	18.860	VV	2660	32206	1.52%	0.062%
357	18.886	18.860	18.905	VV	4629	91512	4.33%	0.177%
358	18.939	18.905	18.962	VV	8551	162582	7.69%	0.314%
359	19.000	18.962	19.052	VV	6457	219701	10.40%	0.424%
360	19.111	19.052	19.145	VV	8080	275957	13.06%	0.532%
361	19.166	19.145	19.188	VV	5694	122599	5.80%	0.237%
362	19.209	19.188	19.220	VV	4390	75206	3.56%	0.145%
363	19.241	19.220	19.256	VV	5402	100125	4.74%	0.193%
364	19.283	19.256	19.304	VV	6342	151777	7.18%	0.293%
365	19.367	19.304	19.395	VV	29143	712281	33.71%	1.374%
366	19.412	19.395	19.454	VV	11676	311180	14.73%	0.600%
367	19.505	19.454	19.522	VV	9750	335188	15.86%	0.647%
368	19.540	19.522	19.557	VV	8321	165021	7.81%	0.318%
369	19.604	19.557	19.625	VV	9624	311863	14.76%	0.602%
370	19.660	19.625	19.679	VV	8736	267273	12.65%	0.516%
371	19.701	19.679	19.721	VV	9686	213724	10.11%	0.412%
372	19.790	19.721	19.800	VV	9415	401777	19.01%	0.775%
373	19.855	19.800	19.875	VV	13333	493444	23.35%	0.952%
374	19.900	19.875	19.927	VV	15132	377744	17.88%	0.729%
375	19.965	19.927	19.999	VV	22897	650142	30.77%	1.254%
376	20.035	19.999	20.062	VV	19589	605752	28.67%	1.169%
377	20.083	20.062	20.107	VV	16148	394985	18.69%	0.762%
378	20.147	20.107	20.199	VV	25738	1000926	47.37%	1.931%
379	20.222	20.199	20.234	VV	15339	315080	14.91%	0.608%
380	20.251	20.234	20.280	VV	16950	434551	20.57%	0.838%
381	20.344	20.280	20.372	VV	27558	1098301	51.98%	2.119%
382	20.417	20.372	20.425	VV	24151	702062	33.23%	1.354%
383	20.436	20.425	20.457	VV	24215	432922	20.49%	0.835%
384	20.484	20.457	20.512	VV	22054	697093	32.99%	1.345%
385	20.534	20.512	20.554	VV	21356	518438	24.54%	1.000%
386	20.609	20.554	20.632	VV	23402	1023792	48.45%	1.975%
387	20.698	20.632	20.730	VV	30168	1447786	68.52%	2.793%
388	20.811	20.730	20.818	VV	24904	1269314	60.07%	2.449%
389	20.841	20.818	20.875	VV	25714	853782	40.41%	1.647%
390	20.901	20.875	20.920	VV	25551	673551	31.88%	1.299%
391	20.938	20.920	20.964	VV	24208	623258	29.50%	1.202%
392	20.973	20.964	20.984	VV	23509	278983	13.20%	0.538%
393	21.012	20.984	21.140	VV	23650	2112963	100.00%	4.076%
394	21.151	21.140	21.175	VV	21269	437845	20.72%	0.845%
395	21.183	21.175	21.232	VV	21192	693248	32.81%	1.337%
396	21.253	21.232	21.269	VV	19609	420788	19.91%	0.812%
397	21.295	21.269	21.324	VV	19433	611061	28.92%	1.179%
398	21.329	21.324	21.342	VV	17756	194840	9.22%	0.376%
399	21.378	21.342	21.424	VV	17726	829188	39.24%	1.600%
400	21.434	21.424	21.459	VV	16091	326845	15.47%	0.631%
401	21.484	21.459	21.547	VV	15416	772072	36.54%	1.490%
402	21.556	21.547	21.572	VV	13754	200800	9.50%	0.387%
403	21.602	21.572	21.632	VV	13866	478948	22.67%	0.924%
404	21.647	21.632	21.722	VV	12628	642519	30.41%	1.240%

					rteres			
405	21.759	21.722	21.812	VV	12941	647427	30.64%	1.249%
406	21.827	21.812	21.860	VV	10227	277529	13.13%	0.535%
407	21.869	21.860	21.903	VV	9018	219237	10.38%	0.423%
408	21.914	21.903	21.927	VV	8192	114511	5.42%	0.221%
409	21.943	21.927	21.967	VV	7866	180337	8.53%	0.348%
410	21.998	21.967	22.032	VV	7668	271604	12.85%	0.524%
411	22.040	22.032	22.058	VV	6344	92214	4.36%	0.178%
412	22.081	22.058	22.111	VV	6797	189024	8.95%	0.365%
413	22.165	22.111	22.196	VV	5582	257509	12.19%	0.497%
414	22.215	22.196	22.229	VV	4821	86193	4.08%	0.166%
415	22.235	22.229	22.244	VV	4336	37572	1.78%	0.072%
416	22.269	22.244	22.365	VV	4206	221932	10.50%	0.428%
417	22.389	22.365	22.415	VV	1448	30272	1.43%	0.058%
418	22.444	22.415	22.450	PBA	404	32222	1.52%	0.062%
					Sum of corrected areas:	51832922		

FF071025.M Fri Jul 11 03:36:33 2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: JPCL01

ProjectID: NOHO RFI No. SC64025 NYC

Lab Code: ACE

SDG No.: Q2473

Calibration Sequence : FF071025		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	164684190	96873	FF016130.D
850	89059595	104776	FF016131.D
340	36559731	107529	FF016132.D
170	19906477	117097	FF016133.D
85	9088990	106929	FF016134.D
AVG RF : 106641		% RSD : 6.78	AVG RT : 15.1002

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: JPCL01

ProjectID: NOHO RFI No. SC64025 NYC

Lab Code: ACE

SDG No.: Q2473

Calibration Sequence : FG070925		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	164717398	96893	FG016264.D
850	83171210	97848	FG016265.D
340	35101863	103241	FG016266.D
170	18639349	109643	FG016267.D
85	9352448	110029	FG016268.D
AVG RF : 103531		% RSD : 6.032	AVG RT : 15.201

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FF016137.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	80684234	94923	106641	10.988

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016137.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 15:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 10 15:21:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.100	4476503	45.972 ug/ml
Target Compounds			
1) N-OCTANE	2.072	5600933	44.903 ug/ml
2) N-DECANE	4.615	5504135	44.226 ug/ml
3) N-DODECANE	6.792	5375794	44.116 ug/ml
4) N-TETRADECANE	8.627	5301276	44.096 ug/ml
5) N-HEXADECANE	10.236	5198169	44.687 ug/ml
6) N-OCTADECANE	11.683	5248847	45.168 ug/ml
7) N-EICOSANE	12.997	5332189	45.593 ug/ml
8) N-DOCOSANE	14.197	5149455	45.926 ug/ml
10) N-TETRACOSANE	15.304	5098979	45.974 ug/ml
11) N-HEXACOSANE	16.330	4935128	45.961 ug/ml
12) N-OCTACOSANE	17.281	4933660	45.880 ug/ml
13) N-TRIACONTANE	18.172	4922480	45.448 ug/ml
14) N-DOTRIACONTANE	19.008	4728411	45.091 ug/ml
15) N-TETRATRIACONTANE	19.795	4256379	44.366 ug/ml
16) N-HEXATRIACONTANE	20.536	3468512	41.578 ug/ml
17) N-OCTATRIACONTANE	21.302	2970700	40.338 ug/ml
18) N-TETRACONTANE	22.267	2659187	39.095 ug/ml

(f)=RT Delta > 1/2 Window

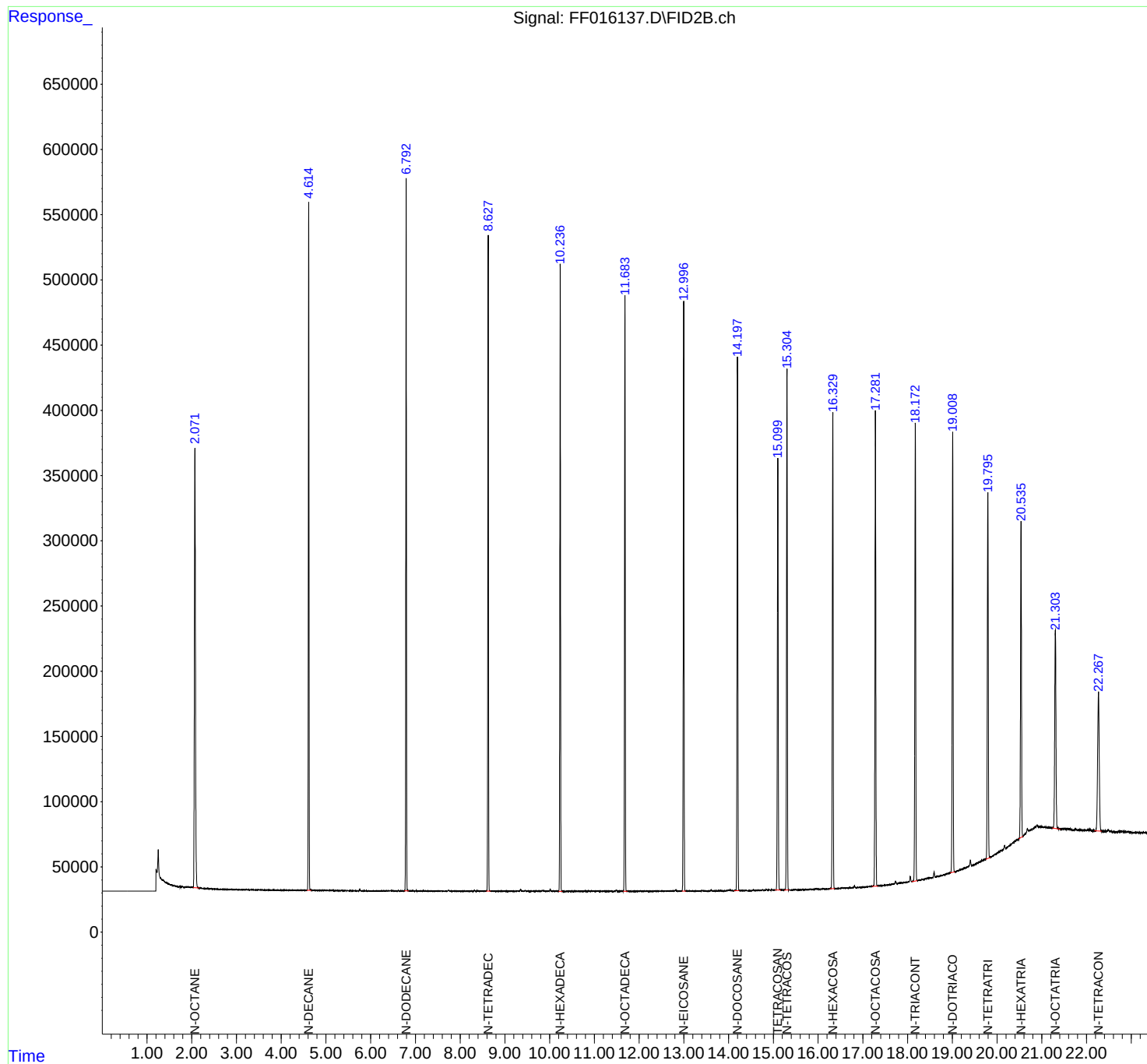
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016137.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 15:12
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 10 15:21:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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\FF071025\
Data File : FF016137.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 15:12
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.072	2.032	2.169	VB	336931	5600933	100.00%	6.577%
2	4.615	4.574	4.674	BB	526909	5504135	98.27%	6.463%
3	6.792	6.757	6.847	BB	546179	5375794	95.98%	6.313%
4	8.627	8.584	8.679	BB	504282	5301276	94.65%	6.225%
5	10.236	10.201	10.286	BB	480815	5198169	92.81%	6.104%
6	11.683	11.644	11.737	BB	455452	5248847	93.71%	6.163%
7	12.997	12.957	13.044	BB	453636	5332189	95.20%	6.261%
8	14.197	14.122	14.236	BB	408726	5149455	91.94%	6.047%
9	15.100	15.039	15.167	BV	331001	4476503	79.92%	5.257%
10	15.304	15.241	15.349	BB	399961	5098979	91.04%	5.987%
11	16.330	16.264	16.376	BB	365115	4935128	88.11%	5.795%
12	17.281	17.201	17.336	BB	363136	4933660	88.09%	5.793%
13	18.172	18.099	18.217	BV	351038	4922480	87.89%	5.780%
14	19.008	18.951	19.054	BB	336629	4728411	84.42%	5.552%
15	19.795	19.751	19.851	BB	279519	4256379	75.99%	4.998%
16	20.536	20.481	20.572	BV	242278	3468512	61.93%	4.073%
17	21.302	21.229	21.414	BB	151846	2970700	53.04%	3.488%
18	22.267	22.179	22.340	BBA	106676	2659187	47.48%	3.123%
Sum of corrected areas:							85160736	

FF071025.M Fri Jul 11 03:28:33 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FF016145.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	99480292	117036	106641	9.748

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016145.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 20:11
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 11 03:15:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.099	5207912	53.483 ug/ml
Target Compounds			
1) N-OCTANE	2.067	6785547	54.400 ug/ml
2) N-DECANE	4.614	7042755	56.589 ug/ml
3) N-DODECANE	6.793	6980159	57.282 ug/ml
4) N-TETRADECANE	8.627	6761123	56.239 ug/ml
5) N-HEXADECANE	10.236	6549222	56.302 ug/ml
6) N-OCTADECANE	11.683	6461155	55.600 ug/ml
7) N-EICOSANE	12.996	6311078	53.963 ug/ml
8) N-DOCOSANE	14.198	6033303	53.809 ug/ml
10) N-TETRACOSANE	15.305	5960941	53.746 ug/ml
11) N-HEXACOSANE	16.328	5878610	54.748 ug/ml
12) N-OCTACOSANE	17.283	5791434	53.857 ug/ml
13) N-TRIACONTANE	18.173	5843543	53.952 ug/ml
14) N-DOTRIACONTANE	19.008	5672157	54.091 ug/ml
15) N-TETRATRIACONTANE	19.795	5102878	53.189 ug/ml
16) N-HEXATRIACONTANE	20.536	4438561	53.206 ug/ml
17) N-OCTATRIACONTANE	21.305	4001940	54.340 ug/ml
18) N-TETRACONTANE	22.267	3865886	56.836 ug/ml

(f)=RT Delta > 1/2 Window

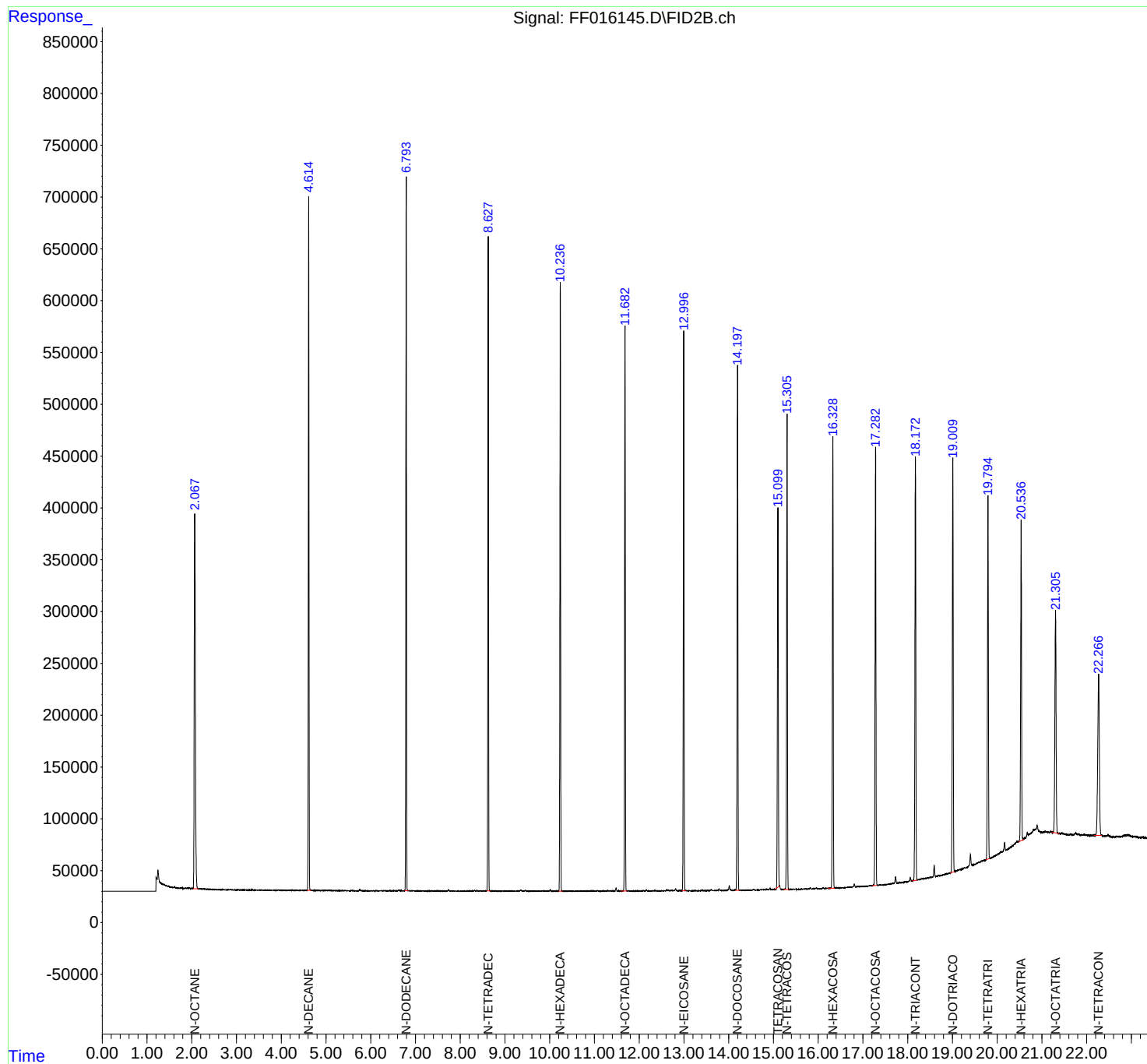
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016145.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 20:11
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 11 03:15:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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\FF071025\
Data File : FF016145.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 20:11
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.067	2.032	2.154	BB	361847	6785547	96.35%	6.482%
2	4.614	4.574	4.672	BB	670096	7042755	100.00%	6.727%
3	6.793	6.757	6.842	BB	688729	6980159	99.11%	6.668%
4	8.627	8.590	8.672	BB	632095	6761123	96.00%	6.458%
5	10.236	10.197	10.289	BB	584290	6549222	92.99%	6.256%
6	11.683	11.585	11.734	BB	544535	6461155	91.74%	6.172%
7	12.996	12.954	13.045	BB	540631	6311078	89.61%	6.028%
8	14.198	14.160	14.244	VB	507205	6033303	85.67%	5.763%
9	15.099	15.037	15.132	BV	366046	5207912	73.95%	4.975%
10	15.305	15.214	15.364	BB	459220	5960941	84.64%	5.694%
11	16.328	16.212	16.372	BB	435448	5878610	83.47%	5.615%
12	17.283	17.200	17.318	BB	423642	5791434	82.23%	5.532%
13	18.173	18.094	18.211	PV	408016	5843543	82.97%	5.582%
14	19.008	18.950	19.052	BV	399951	5672157	80.54%	5.418%
15	19.795	19.750	19.834	BV	349941	5102878	72.46%	4.874%
16	20.536	20.480	20.582	BV	308116	4438561	63.02%	4.240%
17	21.305	21.220	21.394	BB	214746	4001940	56.82%	3.823%
18	22.267	22.160	22.340	BBA	155313	3865886	54.89%	3.693%
Sum of corrected areas:						104688205		

FF071025.M Fri Jul 11 03:29:44 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FG016272.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	98219150	115552	103531	11.611

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016272.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 12:44
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 11 04:13:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.201	5662704	56.635 ug/ml
Target Compounds			
1) N-OCTANE	2.122	6045410	53.536 ug/ml
2) N-DECANE	4.670	6312590	54.809 ug/ml
3) N-DODECANE	6.853	6429401	55.454 ug/ml
4) N-TETRADECANE	8.694	6459611	54.727 ug/ml
5) N-HEXADECANE	10.313	6502514	56.218 ug/ml
6) N-OCTADECANE	11.767	6634538	56.522 ug/ml
7) N-EICOSANE	13.088	6652231	55.606 ug/ml
8) N-DOCOSANE	14.294	6442817	55.908 ug/ml
10) N-TETRACOSANE	15.406	6377951	55.823 ug/ml
11) N-HEXACOSANE	16.434	6252906	56.824 ug/ml
12) N-OCTACOSANE	17.390	6086870	55.972 ug/ml
13) N-TRIACONTANE	18.283	6026952	56.400 ug/ml
14) N-DOTRIACONTANE	19.121	5718485	56.551 ug/ml
15) N-TETRATRIACONTANE	19.908	5046325	55.462 ug/ml
16) N-HEXATRIACONTANE	20.651	4214901	55.968 ug/ml
17) N-OCTATRIACONTANE	21.441	3670360	56.396 ug/ml
18) N-TETRACONTANE	22.441	3345288	58.043 ug/ml

(f)=RT Delta > 1/2 Window

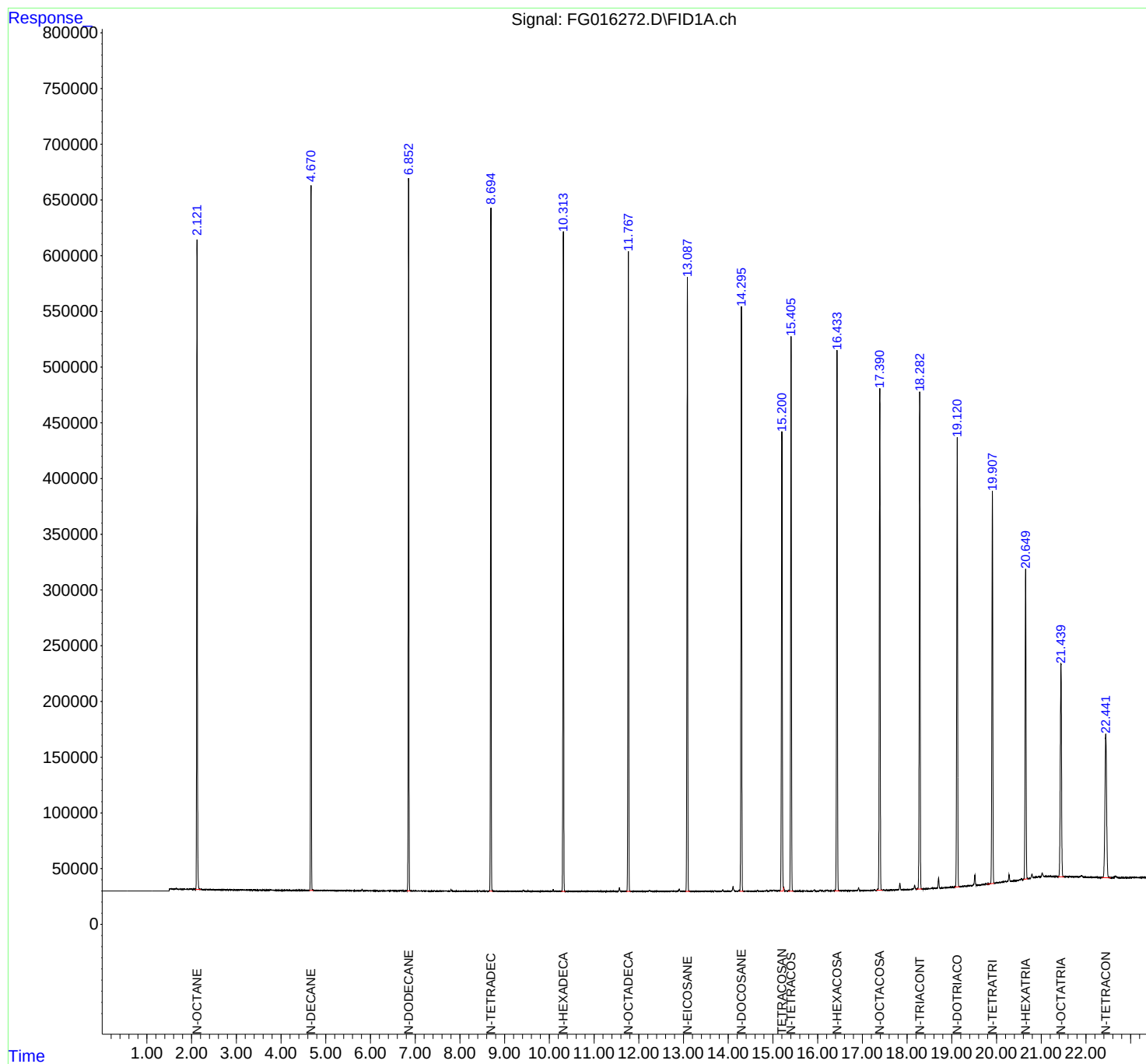
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016272.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 12:44
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 11 04:13:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016272.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 12:44
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.122	2.085	2.202	BB	583226	6045410	90.88%	5.820%
2	4.670	4.629	4.724	BB	632179	6312590	94.89%	6.077%
3	6.853	6.815	6.892	BB	639272	6429401	96.65%	6.189%
4	8.694	8.655	8.734	BB	611795	6459611	97.10%	6.218%
5	10.313	10.264	10.360	BB	592703	6502514	97.75%	6.260%
6	11.767	11.716	11.822	BB	573775	6634538	99.73%	6.387%
7	13.088	13.040	13.150	BB	551330	6652231	100.00%	6.404%
8	14.294	14.256	14.342	VB	521454	6442817	96.85%	6.202%
9	15.201	15.155	15.233	BV	411364	5662704	85.12%	5.451%
10	15.406	15.330	15.460	BB	495961	6377951	95.88%	6.140%
11	16.434	16.373	16.491	BB	483607	6252906	94.00%	6.019%
12	17.390	17.313	17.451	BB	448755	6086870	91.50%	5.859%
13	18.283	18.210	18.339	BB	445200	6026952	90.60%	5.802%
14	19.121	19.057	19.178	BB	402553	5718485	85.96%	5.505%
15	19.908	19.790	19.950	PB	351710	5046325	75.86%	4.858%
16	20.651	20.600	20.695	BB	276917	4214901	63.36%	4.057%
17	21.441	21.370	21.516	BB	190300	3670360	55.17%	3.533%
18	22.441	22.352	22.556	BB	128779	3345288	50.29%	3.220%
Sum of corrected areas:						103881853		

FG070925.M Fri Jul 11 04:49:22 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FG016281.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	80120065	94259	103531	8.956

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016281.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 18:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 11 04:15:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.210	4556753	45.574 ug/ml
Target Compounds			
1) N-OCTANE	2.125	5038476	44.619 ug/ml
2) N-DECANE	4.675	5182339	44.996 ug/ml
3) N-DODECANE	6.858	5241097	45.205 ug/ml
4) N-TETRADECANE	8.700	5280313	44.736 ug/ml
5) N-HEXADECANE	10.319	5254815	45.431 ug/ml
6) N-OCTADECANE	11.774	5350508	45.583 ug/ml
7) N-EICOSANE	13.096	5455724	45.604 ug/ml
8) N-DOCOSANE	14.304	5262067	45.662 ug/ml
10) N-TETRACOSANE	15.417	5189250	45.419 ug/ml
11) N-HEXACOSANE	16.445	4975914	45.219 ug/ml
12) N-OCTACOSANE	17.400	5005735	46.030 ug/mlm
13) N-TRIACONTANE	18.295	4940798	46.236 ug/ml
14) N-DOTRIACONTANE	19.134	4664192	46.125 ug/ml
15) N-TETRATRIACONTANE	19.923	4148407	45.593 ug/ml
16) N-HEXATRIACONTANE	20.665	3553557	47.186 ug/ml
17) N-OCTATRIACONTANE	21.460	3053518	46.918 ug/ml
18) N-TETRACONTANE	22.472	2523355	43.782 ug/ml

(f)=RT Delta > 1/2 Window

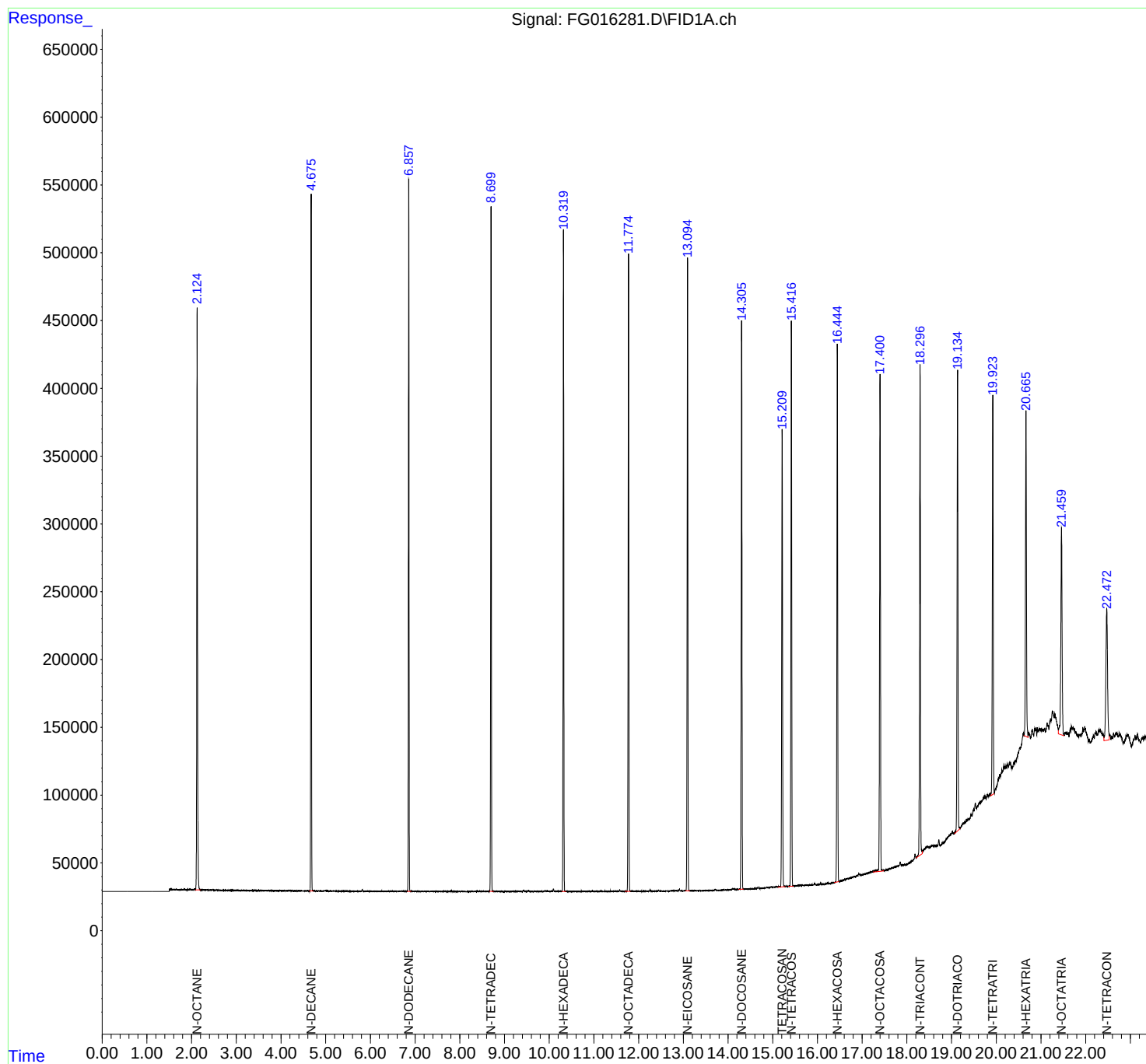
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016281.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 18:41
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 11 04:15:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016281.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 18:41
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.125	2.085	2.201	VB	429265	5038476	92.35%	5.948%
2	4.675	4.633	4.723	BB	513111	5182339	94.99%	6.117%
3	6.858	6.823	6.910	BB	523302	5241097	96.07%	6.187%
4	8.700	8.661	8.757	BB	503968	5280313	96.78%	6.233%
5	10.319	10.283	10.375	BB	487720	5254815	96.32%	6.203%
6	11.774	11.693	11.818	BB	470199	5350508	98.07%	6.316%
7	13.096	13.045	13.148	BB	465486	5455724	100.00%	6.440%
8	14.304	14.236	14.348	BB	416357	5262067	96.45%	6.212%
9	15.210	15.112	15.286	BB	336911	4556753	83.52%	5.379%
10	15.417	15.344	15.465	BB	416690	5189250	95.12%	6.126%
11	16.445	16.378	16.483	BB	393891	4975914	91.21%	5.874%
12	17.401	16.990	17.464	BB	361713	5043524	92.44%	5.954%
13	18.295	18.208	18.345	PV	361499	4940798	90.56%	5.832%
14	19.134	19.063	19.197	PV	338051	4664192	85.49%	5.506%
15	19.923	19.881	19.957	VV	294004	4148407	76.04%	4.897%
16	20.665	20.620	20.711	PV	239883	3553557	65.13%	4.195%
17	21.460	21.389	21.520	VV	151753	3053518	55.97%	3.604%
18	22.472	22.408	22.528	VV	96779	2523355	46.25%	2.979%
Sum of corrected areas:							84714607	

FG070925.M Fri Jul 11 04:52:36 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FG016290.D Analyst Name: YP\AJ Analyst Date: 07-11-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	102882275	121038	103531	16.91

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
 Data File : FG016290.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 08:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 12 01:08:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.208	5900149	59.010 ug/ml
Target Compounds			
1) N-OCTANE	2.122	6197393	54.882 ug/ml
2) N-DECANE	4.673	6563623	56.989 ug/ml
3) N-DODECANE	6.856	6681608	57.629 ug/ml
4) N-TETRADECANE	8.698	6706931	56.823 ug/ml
5) N-HEXADECANE	10.319	6760210	58.446 ug/ml
6) N-OCTADECANE	11.772	6917165	58.930 ug/ml
7) N-EICOSANE	13.094	6945507	58.057 ug/ml
8) N-DOCOSANE	14.302	6730189	58.402 ug/ml
10) N-TETRACOSANE	15.414	6647803	58.185 ug/ml
11) N-HEXACOSANE	16.443	6495984	59.033 ug/ml
12) N-OCTACOSANE	17.399	6321130	58.126 ug/ml
13) N-TRIACONTANE	18.294	6280649	58.774 ug/ml
14) N-DOTRIACONTANE	19.130	5995755	59.293 ug/mlm
15) N-TETRATRIACONTANE	19.921	5368488	59.003 ug/ml
16) N-HEXATRIACONTANE	20.663	4572111	60.711 ug/ml
17) N-OCTATRIACONTANE	21.455	3961616	60.871 ug/mlm
18) N-TETRACONTANE	22.464	3736113	64.824 ug/ml

(f)=RT Delta > 1/2 Window

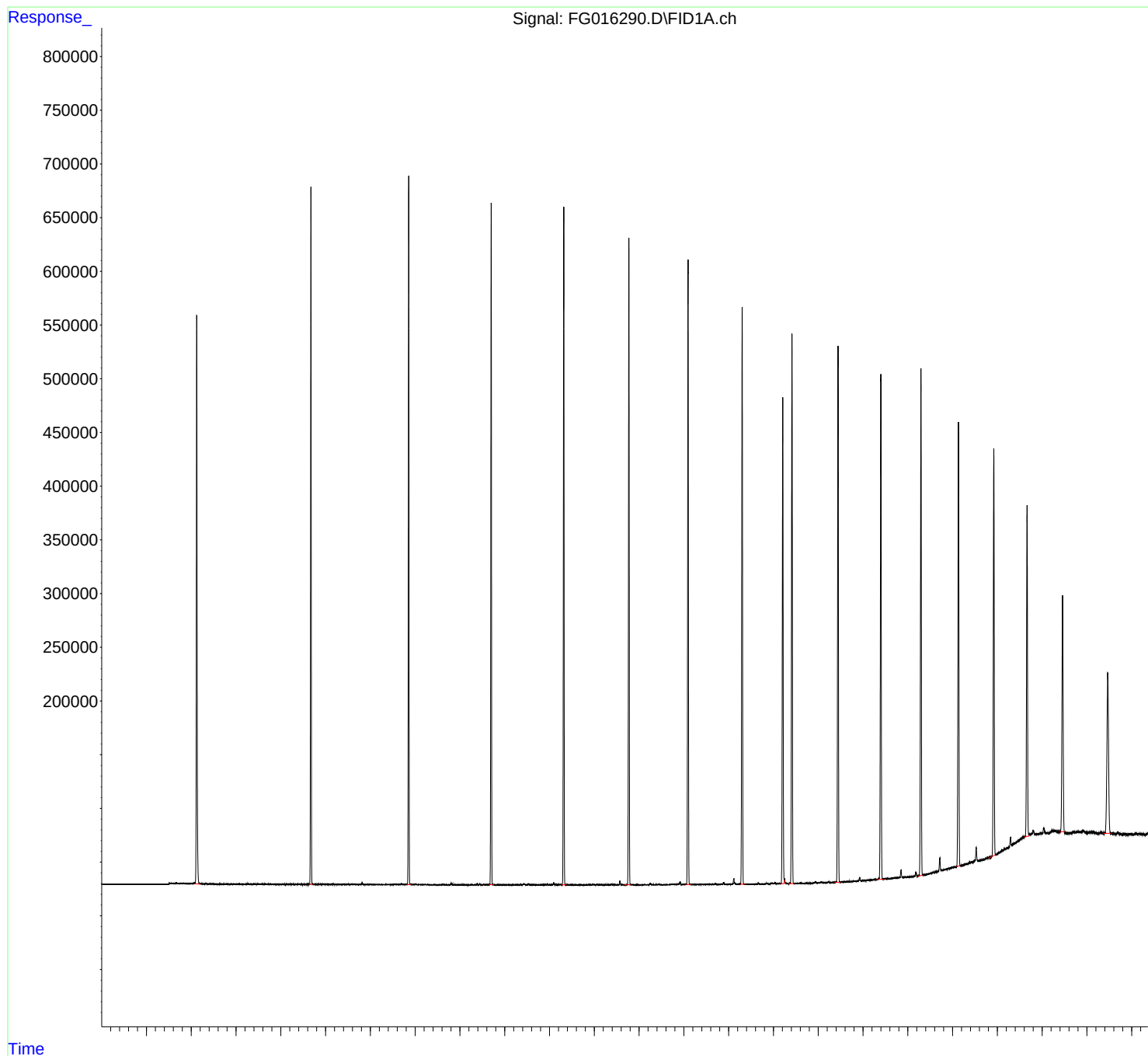
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016290.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 08:40
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 12 01:08:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016290.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 08:40
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.122	2.080	2.203	VB	529190	6197393	89.23%	5.691%
2	4.673	4.630	4.730	BB	648914	6563623	94.50%	6.027%
3	6.856	6.815	6.905	BB	658389	6681608	96.20%	6.136%
4	8.698	8.650	8.745	BB	633968	6706931	96.57%	6.159%
5	10.319	10.272	10.365	BB	630388	6760210	97.33%	6.208%
6	11.772	11.672	11.812	BB	599516	6917165	99.59%	6.352%
7	13.094	13.051	13.146	BB	573508	6945507	100.00%	6.378%
8	14.302	14.263	14.363	VB	537180	6730189	96.90%	6.180%
9	15.208	15.157	15.240	BV	453578	5900149	84.95%	5.418%
10	15.414	15.337	15.466	BB	510638	6647803	95.71%	6.105%
11	16.443	16.367	16.500	BB	499009	6495984	93.53%	5.965%
12	17.399	17.310	17.460	BB	469239	6321130	91.01%	5.805%
13	18.294	18.227	18.335	BB	470698	6280649	90.43%	5.767%
14	19.131	18.752	19.175	VV	411326	6068023	87.37%	5.572%
15	19.921	19.807	19.962	BV	378787	5368488	77.29%	4.930%
16	20.663	20.600	20.703	BV	308656	4572111	65.83%	4.199%
17	21.456	21.397	21.514	VV	220376	4004286	57.65%	3.677%
18	22.464	22.359	22.528	PV	148667	3736113	53.79%	3.431%
Sum of corrected areas:						108897362		

FG070925.M Sat Jul 12 01:45:40 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: JPCL01
ProjectID: NOHO RFI No. SC64025 NYC
Lab Code: ACE SDG No.: Q2473
DataFile: FG016295.D Analyst Name: YP\AJ Analyst Date: 07-11-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	103034749	121217	103531	17.083

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
 Data File : FG016295.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 11:08
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 12 01:09:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.208	5920632	59.214 ug/ml
Target Compounds			
1) N-OCTANE	2.123	6159935	54.550 ug/ml
2) N-DECANE	4.674	6539725	56.781 ug/ml
3) N-DODECANE	6.857	6672385	57.550 ug/ml
4) N-TETRADECANE	8.699	6714508	56.887 ug/ml
5) N-HEXADECANE	10.318	6783318	58.646 ug/ml
6) N-OCTADECANE	11.773	6934620	59.079 ug/ml
7) N-EICOSANE	13.094	6966982	58.237 ug/ml
8) N-DOCOSANE	14.302	6747800	58.554 ug/ml
10) N-TETRACOSANE	15.415	6662561	58.314 ug/ml
11) N-HEXACOSANE	16.444	6507948	59.142 ug/ml
12) N-OCTACOSANE	17.399	6326546	58.176 ug/ml
13) N-TRIACONTANE	18.295	6293931	58.899 ug/ml
14) N-DOTRIACONTANE	19.132	6063461	59.963 ug/ml
15) N-TETRATRIACONTANE	19.921	5386937	59.206 ug/ml
16) N-HEXATRIACONTANE	20.663	4527482	60.118 ug/mlm
17) N-OCTATRIACONTANE	21.458	4054202	62.293 ug/ml
18) N-TETRACONTANE	22.465	3692408	64.065 ug/mlm

(f)=RT Delta > 1/2 Window

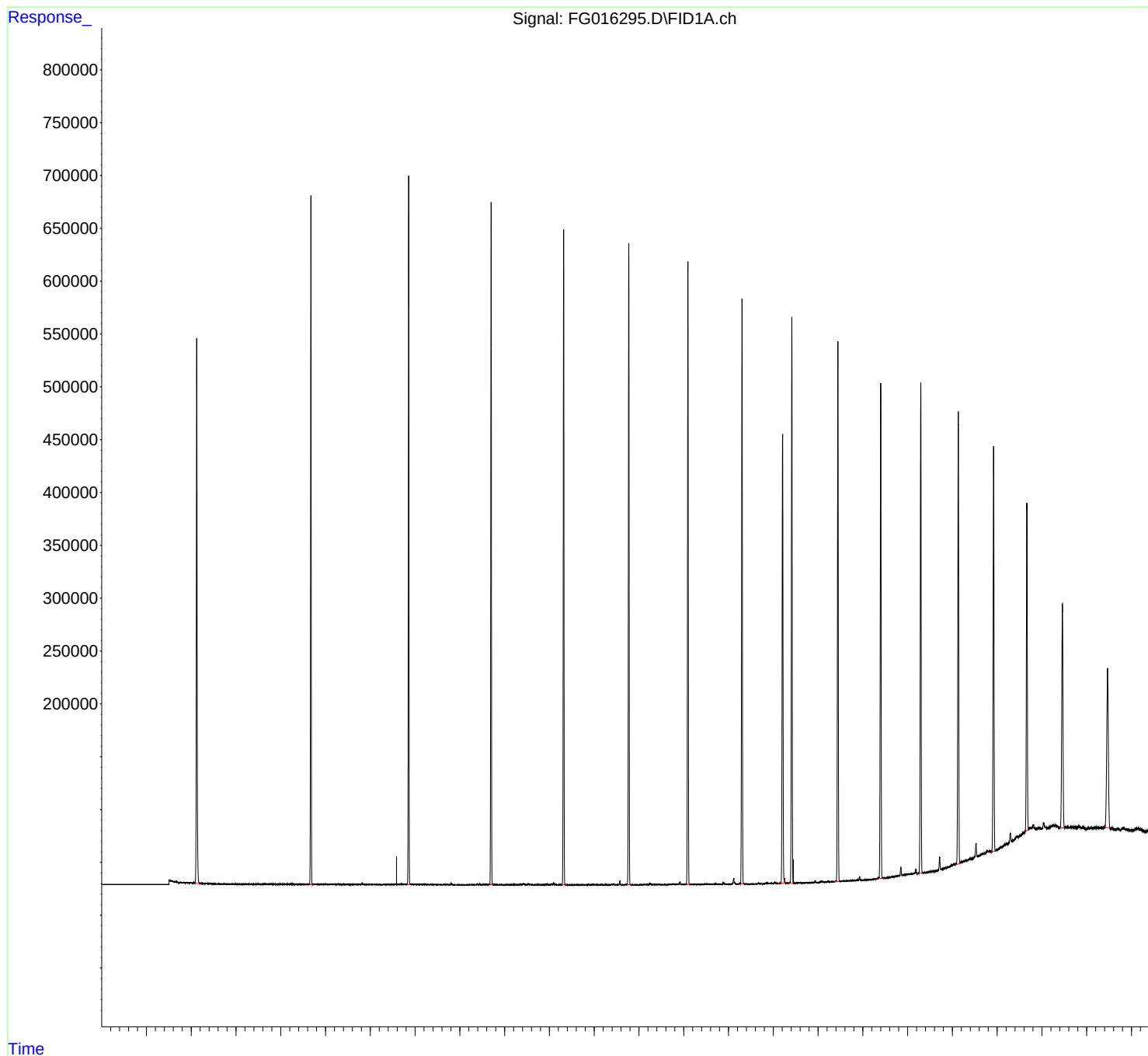
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016295.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 11:08
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 12 01:09:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
 Data File : FG016295.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 11:08
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.123	2.082	2.207	VB	515831	6159935	88.42%	5.644%
2	4.674	4.639	4.729	BB	651779	6539725	93.87%	5.992%
3	6.857	6.819	6.897	BB	670592	6672385	95.77%	6.114%
4	8.699	8.663	8.746	BB	645429	6714508	96.38%	6.152%
5	10.318	10.277	10.369	BB	619155	6783318	97.36%	6.215%
6	11.773	11.735	11.824	BB	606766	6934620	99.54%	6.354%
7	13.094	13.041	13.148	BB	587625	6966982	100.00%	6.384%
8	14.302	14.265	14.350	VB	552739	6747800	96.85%	6.183%
9	15.208	15.115	15.240	BV	420323	5920632	84.98%	5.425%
10	15.415	15.334	15.448	BV	535351	6662561	95.63%	6.105%
11	16.444	16.370	16.490	BB	510707	6507948	93.41%	5.963%
12	17.399	17.315	17.461	BB	468012	6326546	90.81%	5.797%
13	18.295	18.226	18.345	BB	464072	6293931	90.34%	5.767%
14	19.132	19.077	19.173	VV	425122	6063461	87.03%	5.556%
15	19.921	19.868	19.963	VV	381617	5386937	77.32%	4.936%
16	20.664	20.624	20.699	VV	309197	4626393	66.40%	4.239%
17	21.458	21.401	21.509	PV	211103	4054202	58.19%	3.715%
18	22.465	22.381	22.528	VV	151267	3774978	54.18%	3.459%
Sum of corrected areas:						109136860		

FG070925.M Sat Jul 12 01:47:17 2025

Analytical Sequence

Client: JPCL Engineering

SDG No.: Q2473

Project: NOHO RFI No. SC64025 NYC

Instrument ID: FID_G

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

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.1002					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	10 Jul 2025 13:43	FF016136.D	15.097	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 15:12	FF016137.D	15.100	
PIT#4	Q2473-04	10 Jul 2025 16:12	FF016139.D	15.097	
PIT#4MS	Q2473-04MS	10 Jul 2025 16:42	FF016140.D	15.096	
PIT#4MSD	Q2473-04MSD	10 Jul 2025 17:12	FF016141.D	15.097	
PIBLK02	LBLK02	10 Jul 2025 18:41	FF016144.D	15.098	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 20:11	FF016145.D	15.099	
PIBLK03	LBLK03	10 Jul 2025 10:45	FG016271.D	15.198	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 12:44	FG016272.D	15.201	
PB168785BL	PB168785BL	10 Jul 2025 13:43	FG016274.D	15.197	
PB168785BS	PB168785BS	10 Jul 2025 14:13	FG016275.D	15.197	
PIT#1	Q2473-01	10 Jul 2025 15:42	FG016277.D	15.201	
PIBLK04	LBLK04	10 Jul 2025 17:12	FG016280.D	15.211	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 18:41	FG016281.D	15.210	
PIBLK05	LBLK05	11 Jul 2025 08:11	FG016289.D	15.204	
50 PPM TRPH STD	50 PPM TRPH STD	11 Jul 2025 08:40	FG016290.D	15.208	
PIT#2	Q2473-02	11 Jul 2025 09:39	FG016292.D	15.292	
PIT#3	Q2473-03	11 Jul 2025 10:09	FG016293.D	15.205	
PIBLK06	LBLK06	11 Jul 2025 10:39	FG016294.D	15.205	
50 PPM TRPH STD	50 PPM TRPH STD	11 Jul 2025 11:08	FG016295.D	15.208	



QC SAMPLE DATA

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168785BL	SDG No.:	Q2473
Lab Sample ID:	PB168785BL	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016274.D	1	07/10/25 09:00	07/10/25 13:43	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	384	U	384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.5		37 - 130	93%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016274.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 13:43
Operator : YP\AJ
Sample : PB168785BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168785BL

Integration File: autoint1.e
Quant Time: Jul 11 04:14:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.197	1852718	18.530 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

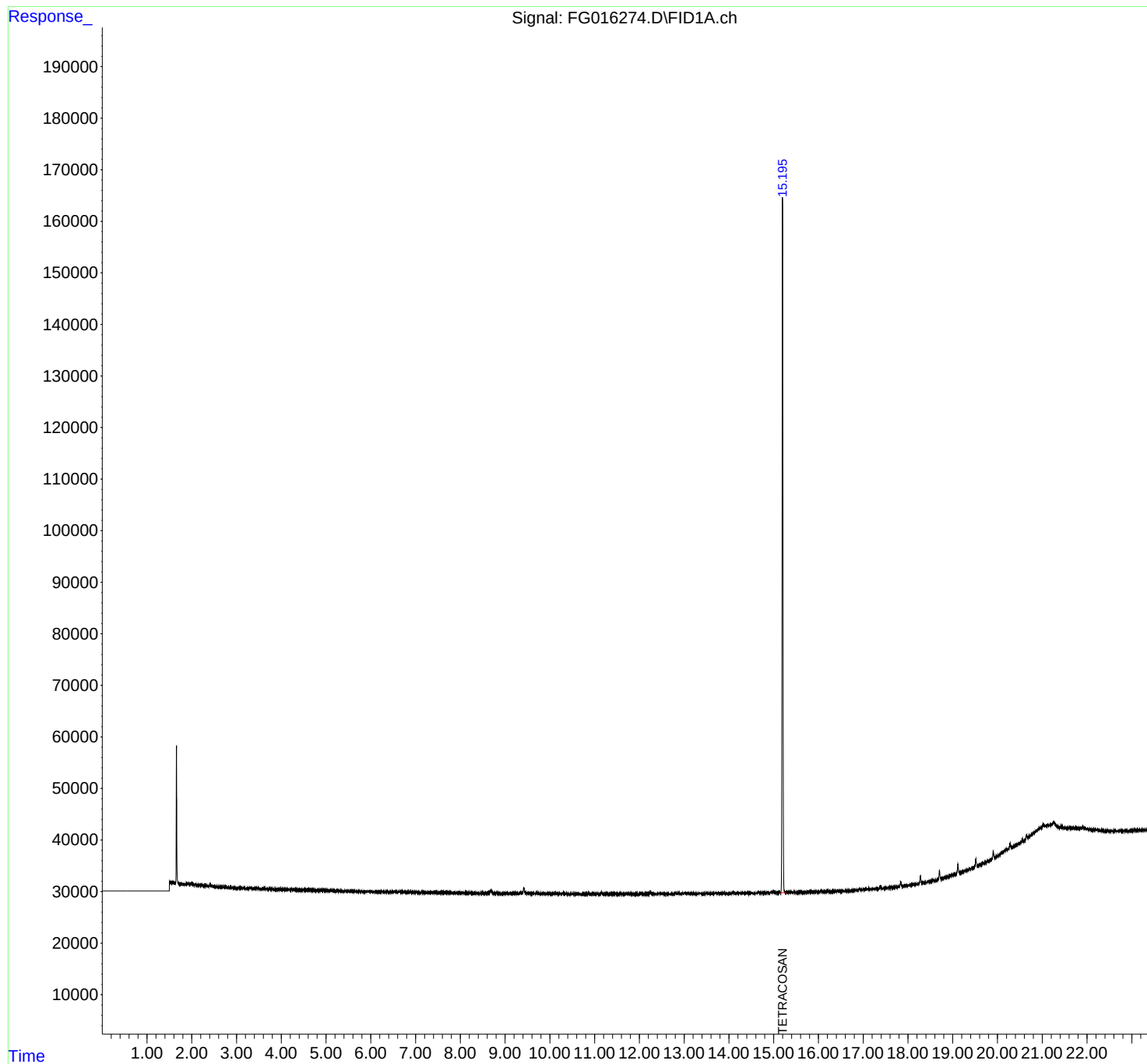
(m)=manual int.

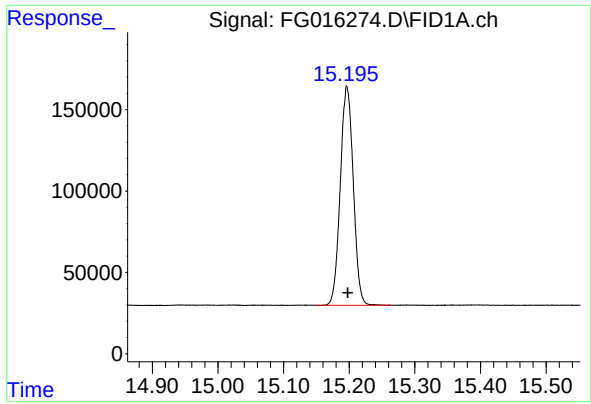
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016274.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 13:43
Operator : YP\AJ
Sample : PB168785BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168785BL

Integration File: autoint1.e
Quant Time: Jul 11 04:14:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.197 min
Delta R.T.: 0.000 min
Response: 1852718
Conc: 18.53 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168785BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016274.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 13:43
Sample : PB168785BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.197	15.150	15.265	BB	134432	1852718	100.00%	100.000%
Sum of corrected areas:						1852718		

FG070925.M Fri Jul 11 04:50:04 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/10/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/10/25
Client Sample ID:	PIBLK-FF016136.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FF016136.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016136.D	1		07/10/25	FF071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	20.2		29 - 130	101%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016136.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 13:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 10 13:56:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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...	15.097	1966887	20.199 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

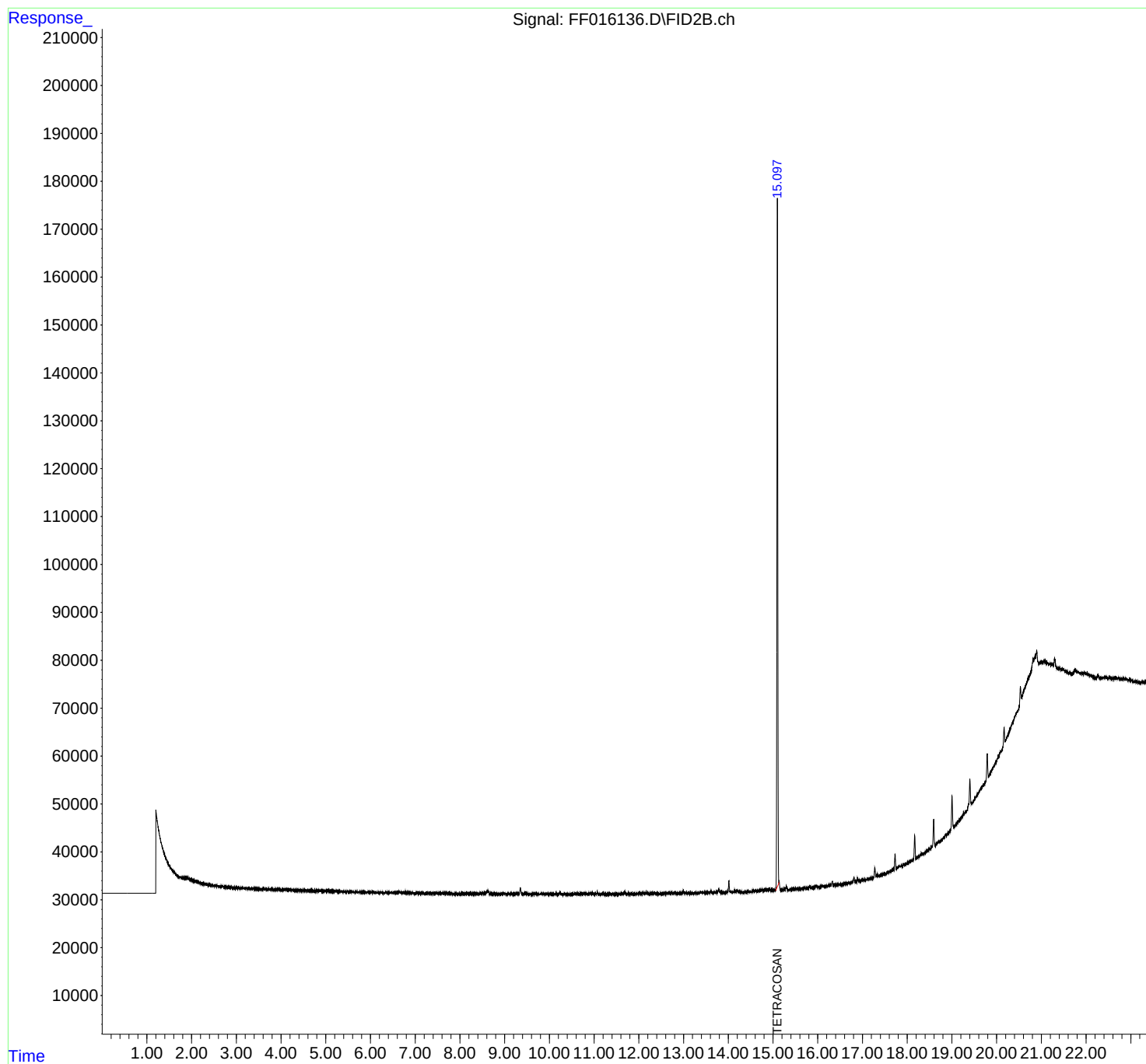
(m)=manual int.

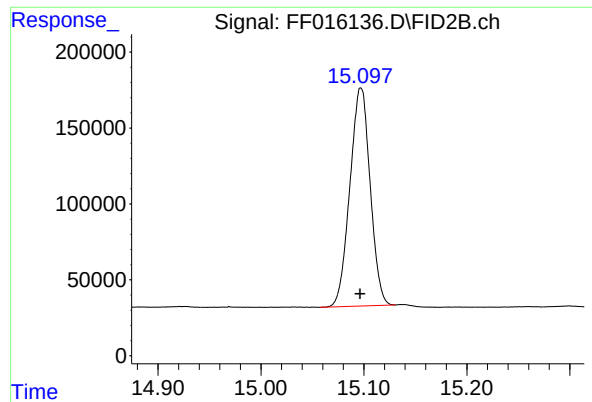
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016136.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 13:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 10 13:56:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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.: 15.097 min
Delta R.T.: 0.000 min
Response: 1966887
Conc: 20.20 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016136.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 13:43
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.097	15.057	15.131	BV	143579	1966887	100.00%	100.000%
Sum of corrected areas:						1966887		

FF071025.M Fri Jul 11 03:28:08 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/10/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/10/25
Client Sample ID:	PIBLK-FF016144.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FF016144.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016144.D	1		07/10/25	FF071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	21.3		29 - 130	107%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016144.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 18:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 11 02:58:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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...	15.097	2077417	21.334 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016144.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 18:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

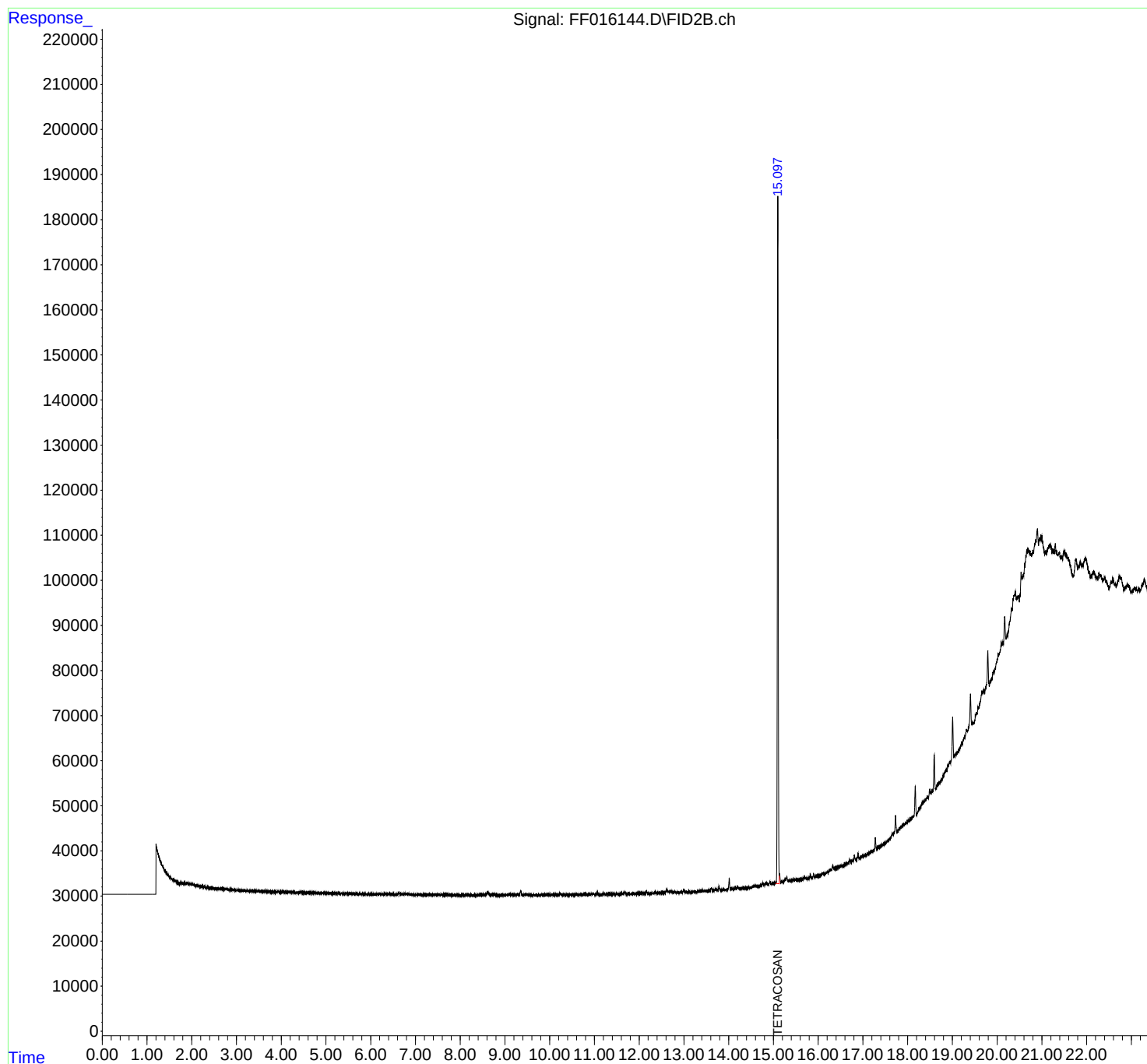
Instrument :
FID_F
ClientSampleId :
I.BLK

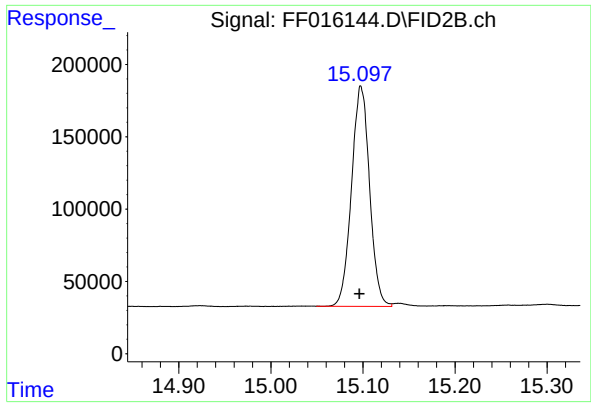
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 11 02:58:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 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.: 15.097 min
Delta R.T.: 0.000 min
Response: 2077417
Conc: 21.33 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

rteres

Instrument :
FID_F
LabSampleId :
I.BLK

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025
Data File : FF016144.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 18:41
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.098	15.034	15.131	BV	151507	2019918	100.00%	100.000%
Sum of corrected areas:						2019918		

FF071025.M Fri Jul 11 03:29:10 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/10/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/10/25
Client Sample ID:	PIBLK-FG016271.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FG016271.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016271.D	1		07/10/25	FG071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.9		29 - 130	95%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016271.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 10:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 05:46:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.198	1913798	19.141 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

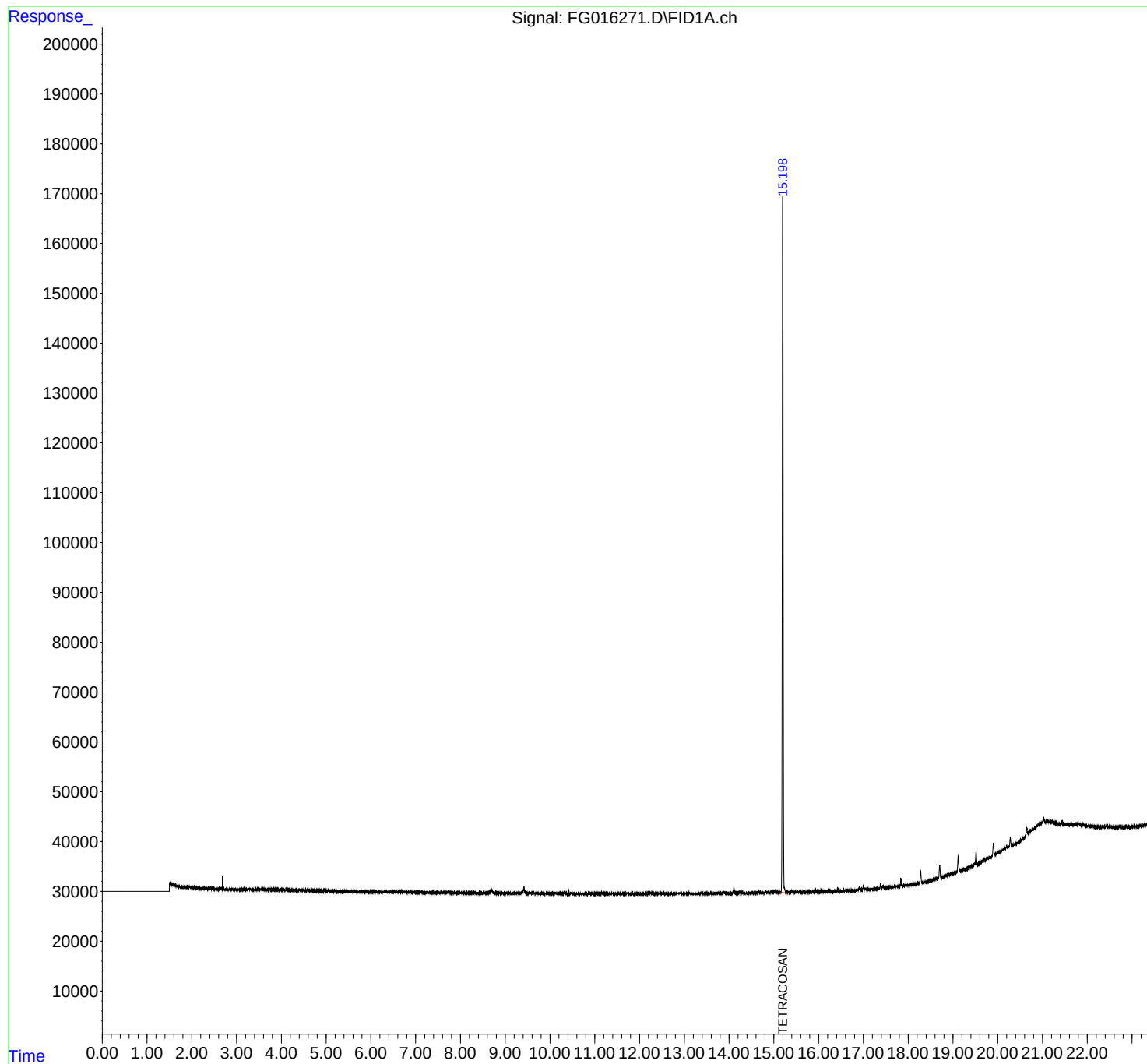
(m)=manual int.

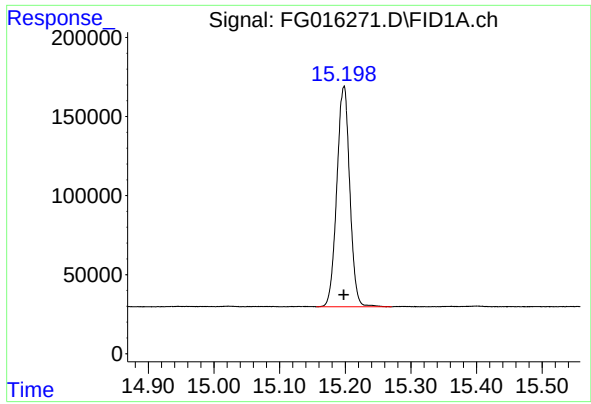
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016271.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 10:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 05:46:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.198 min
Delta R.T.: 0.000 min
Response: 1913798
Conc: 19.14 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016271.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 10:45
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.198	15.156	15.271	BB	139458	1913798	100.00%	100.000%
Sum of corrected areas:						1913798		

FG070925.M Fri Jul 11 05:48:52 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/10/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/10/25
Client Sample ID:	PIBLK-FG016280.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FG016280.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016280.D	1		07/10/25	FG071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	19.1		29 - 130	96%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016280.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 17:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 04:15:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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...	15.211	1914229	19.145 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

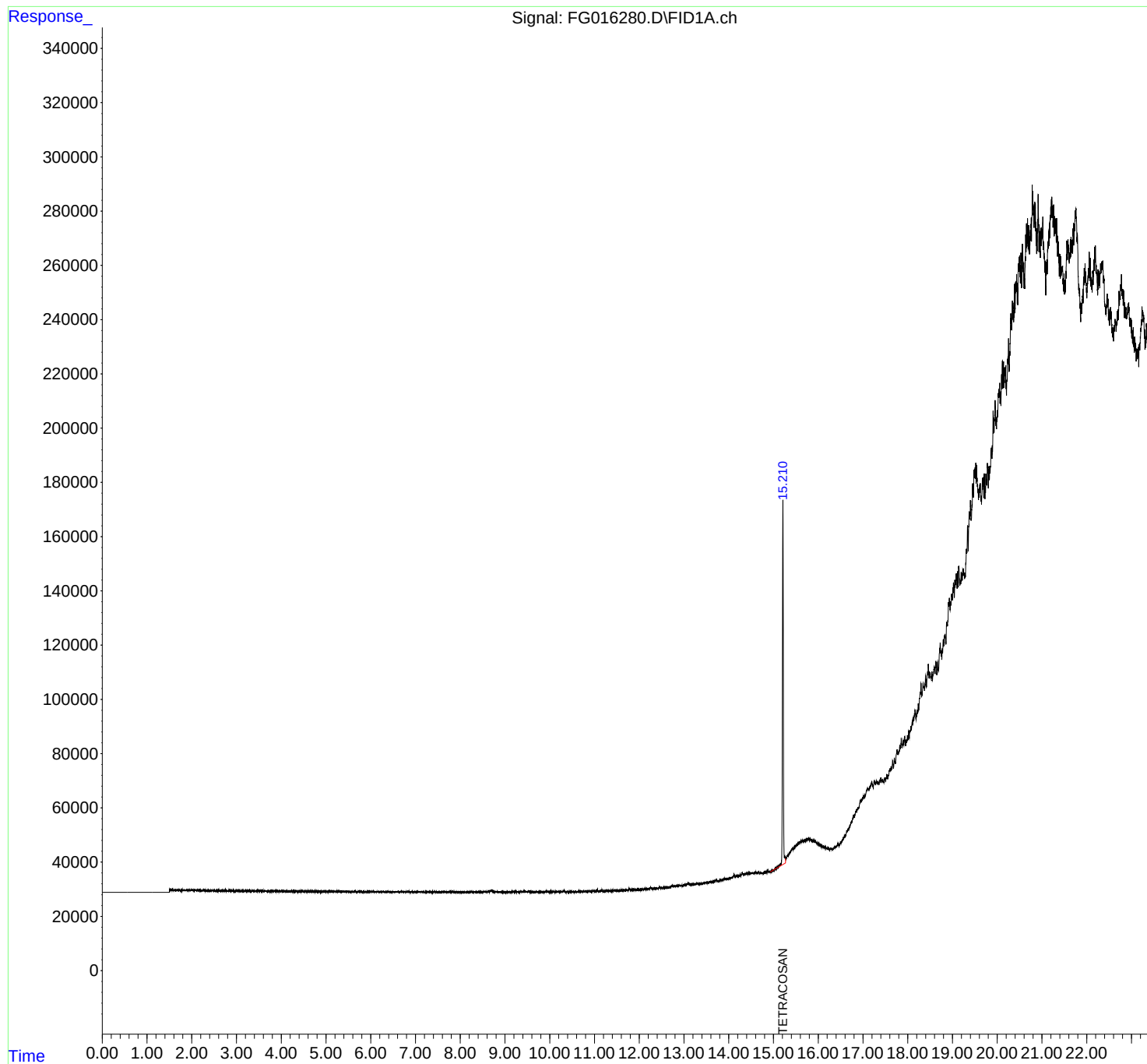
(m)=manual int.

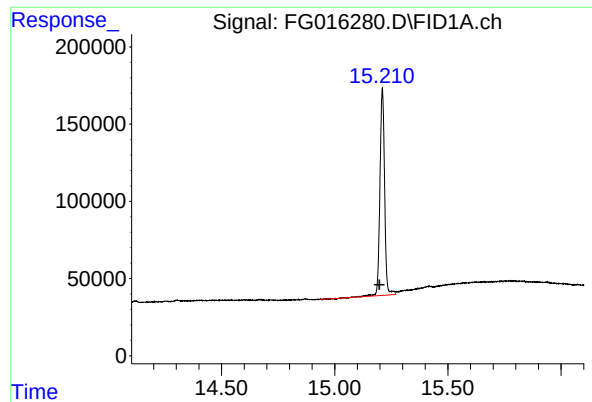
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016280.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 17:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 04:15:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.211 min
Delta R.T.: 0.013 min
Response: 1914229
Conc: 19.14 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016280.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 17:12
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.211	14.936	15.269	BV	134432	1914229	100.00%	100.000%
Sum of corrected areas:						1914229		

FG070925.M Fri Jul 11 04:50:47 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/11/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/11/25
Client Sample ID:	PIBLK-FG016289.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FG016289.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016289.D	1		07/11/25	FG071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	23.8		29 - 130	119%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016289.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 08:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 12 01:07:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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...	15.204	2376713	23.770 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

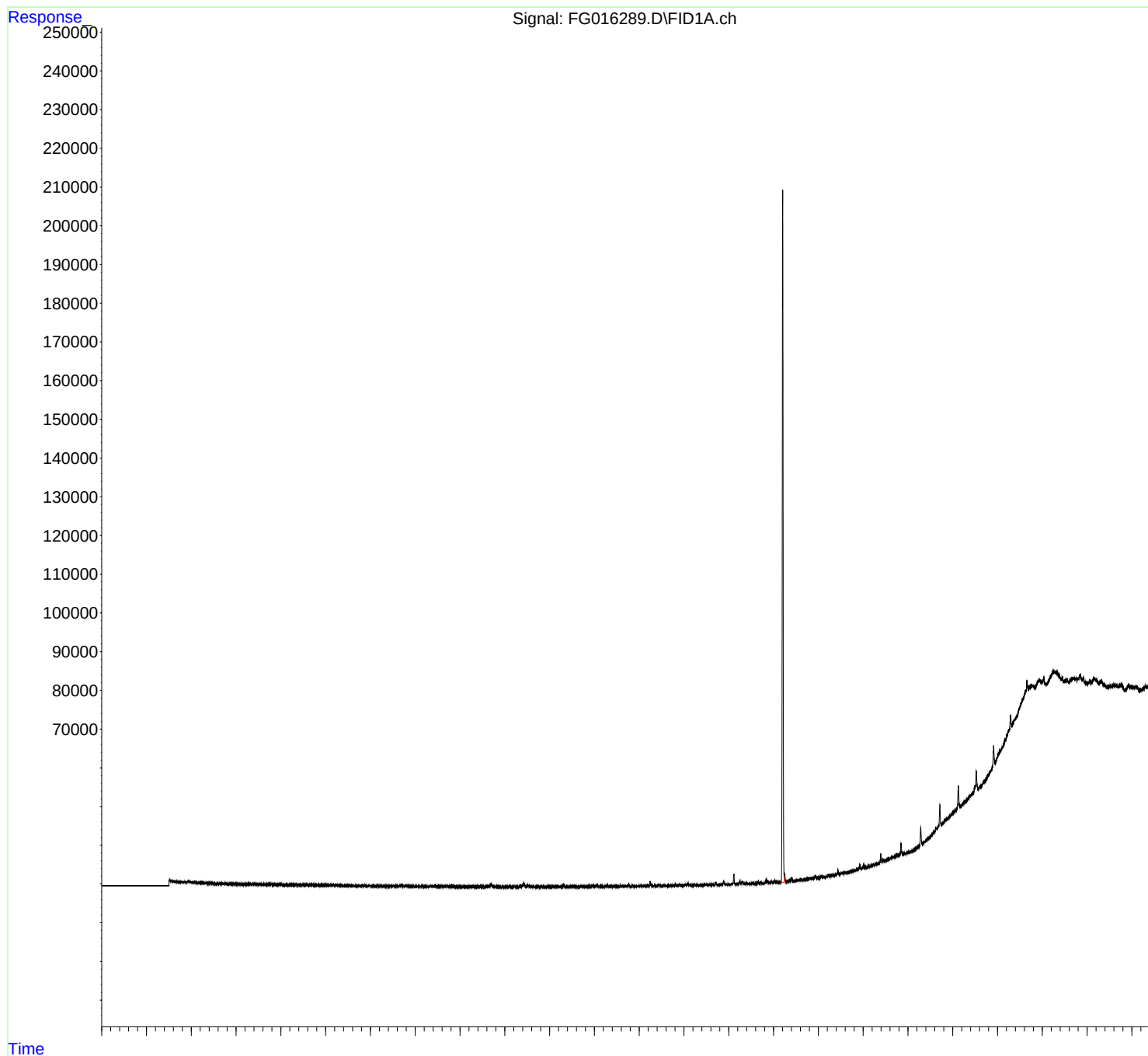
(m)=manual int.

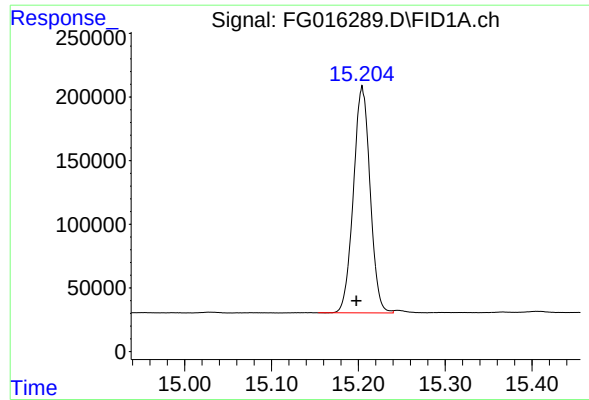
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016289.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 08:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 12 01:07:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.204 min
Delta R.T.: 0.007 min
Response: 2376713
Conc: 23.77 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016289.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 08:11
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.204	15.153	15.238	BV	177168	2331958	100.00%	100.000%
Sum of corrected areas:						2331958		

FG070925.M Sat Jul 12 01:44:48 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/11/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/11/25
Client Sample ID:	PIBLK-FG016294.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-FG016294.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016294.D	1		07/11/25	FG071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.6		29 - 130	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016294.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 10:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 12 01:08:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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...	15.205	1859286	18.595 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

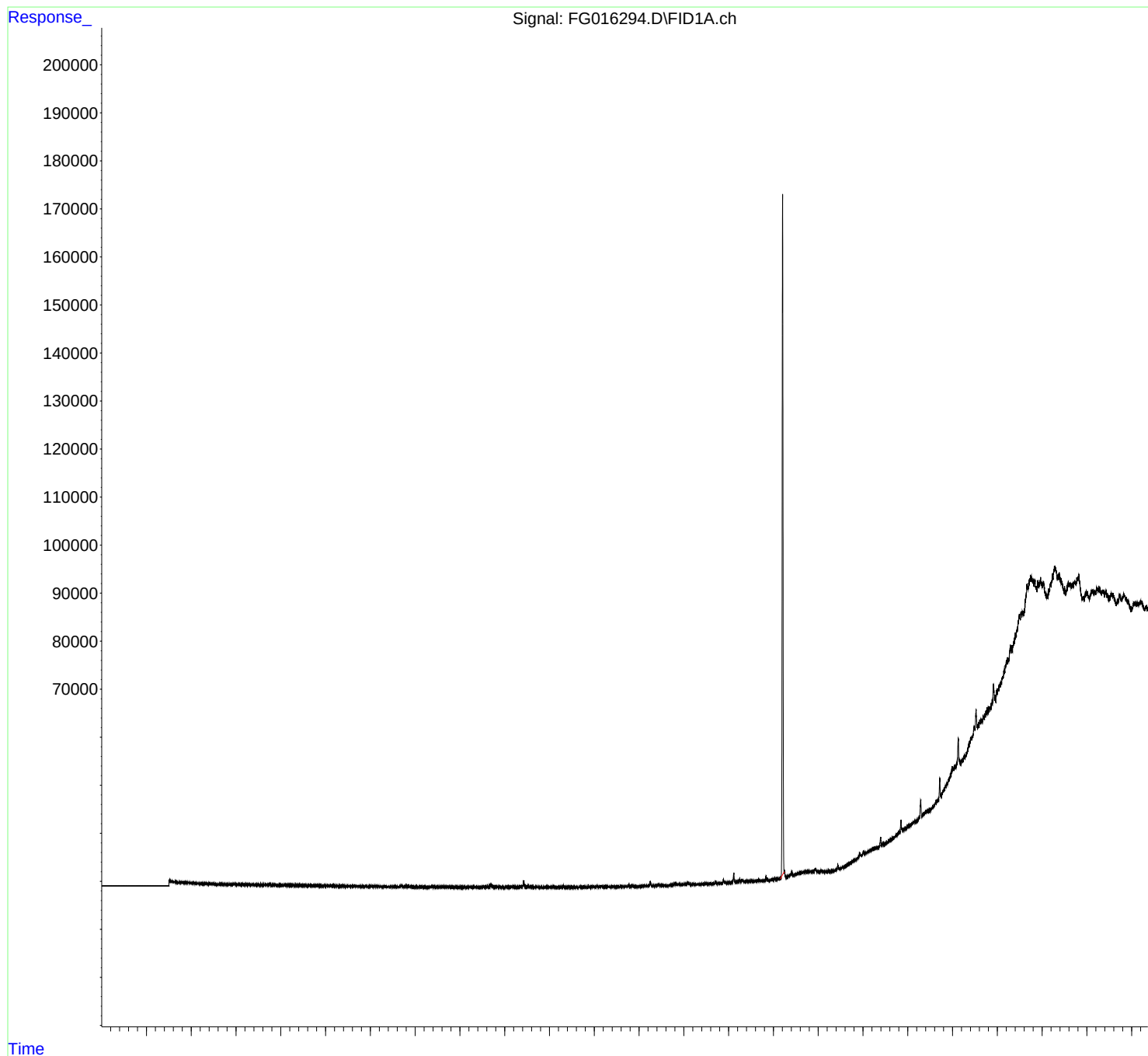
(m)=manual int.

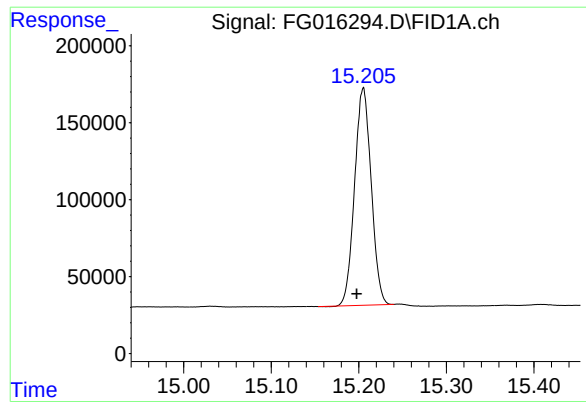
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016294.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 10:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 12 01:08:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 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.: 15.205 min
Delta R.T.: 0.008 min
Response: 1859286
Conc: 18.60 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071125\
Data File : FG016294.D
Signal(s) : FID1A.ch
Acq On : 11 Jul 2025 10:39
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.205	15.154	15.239	BV	141615	1859286	100.00%	100.000%
Sum of corrected areas:						1859286		

FG070925.M Sat Jul 12 01:46:19 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168785BS	SDG No.:	Q2473
Lab Sample ID:	PB168785BS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016275.D	1	07/10/25 09:00	07/10/25 14:13	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	10000		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.8		37 - 130	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016275.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 14:13
 Operator : YP\AJ
 Sample : PB168785BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168785BS

Integration File: autoint1.e
 Quant Time: Jul 11 04:14:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.197	1880042	18.803 ug/ml
Target Compounds			
1) N-OCTANE	2.122	1620740	14.353 ug/ml
2) N-DECANE	4.668	1931765	16.773 ug/ml
3) N-DODECANE	6.850	1985022	17.121 ug/ml
4) N-TETRADECANE	8.690	2017051	17.089 ug/ml
5) N-HEXADECANE	10.310	2015694	17.427 ug/ml
6) N-OCTADECANE	11.763	2058479	17.537 ug/ml
7) N-EICOSANE	13.083	2105192	17.597 ug/ml
8) N-DOCOSANE	14.291	2035381	17.662 ug/ml
10) N-TETRACOSANE	15.402	2021094	17.690 ug/ml
11) N-HEXACOSANE	16.430	1944445	17.670 ug/ml
12) N-OCTACOSANE	17.386	1922719	17.680 ug/ml
13) N-TRIACONTANE	18.279	1890617	17.692 ug/ml
14) N-DOTRIACONTANE	19.117	1783094	17.633 ug/ml
15) N-TETRATRIACONTANE	19.906	1606348	17.655 ug/ml
16) N-HEXATRIACONTANE	20.650	1410995	18.736 ug/ml
17) N-OCTATRIACONTANE	21.439	1361864	20.925 ug/ml
18) N-TETRACONTANE	22.442	1350559	23.433 ug/ml

(f)=RT Delta > 1/2 Window

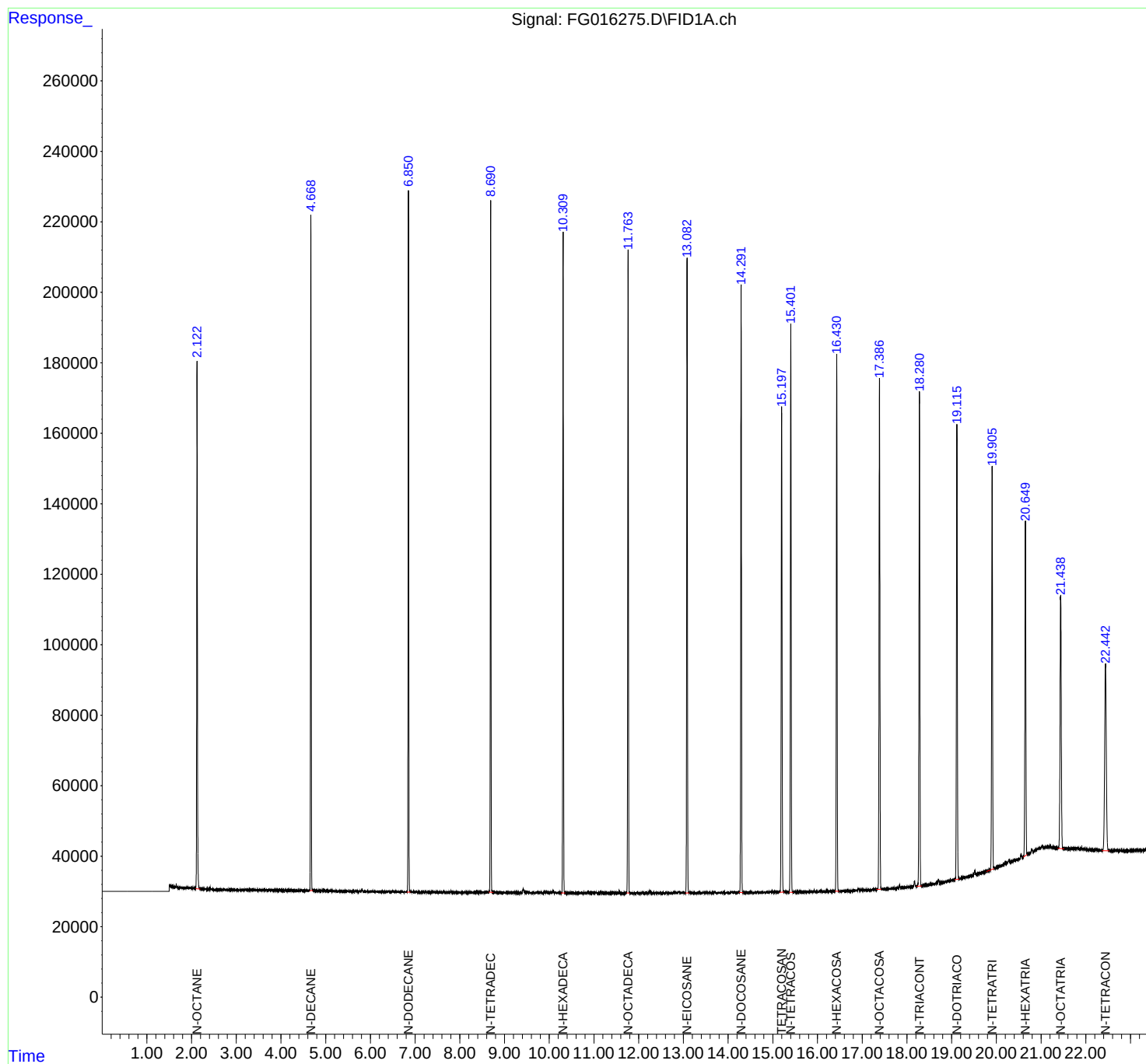
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016275.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 14:13
Operator : YP\AJ
Sample : PB168785BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168785BS

Integration File: autoint1.e
Quant Time: Jul 11 04:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016275.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 14:13
 Sample : PB168785BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.122	2.091	2.196	BB	149626	1620740	76.99%	4.920%
2	4.668	4.639	4.712	BB	191711	1931765	91.76%	5.864%
3	6.850	6.818	6.897	BB	199150	1985022	94.29%	6.026%
4	8.690	8.645	8.742	BB	196233	2017051	95.81%	6.123%
5	10.310	10.267	10.359	BB	187517	2015694	95.75%	6.119%
6	11.763	11.727	11.797	BB	181784	2058479	97.78%	6.249%
7	13.083	13.040	13.132	BB	179965	2105192	100.00%	6.391%
8	14.291	14.241	14.340	BB	172389	2035381	96.68%	6.179%
9	15.197	15.154	15.257	BB	137543	1880042	89.30%	5.707%
10	15.402	15.365	15.454	BB	159767	2021094	96.01%	6.135%
11	16.430	16.390	16.485	BB	151787	1944445	92.36%	5.903%
12	17.386	17.324	17.423	BB	144987	1922719	91.33%	5.837%
13	18.279	18.220	18.335	BB	140079	1890617	89.81%	5.739%
14	19.117	19.062	19.173	BB	127347	1783094	84.70%	5.413%
15	19.906	19.779	19.945	BB	114242	1606348	76.30%	4.876%
16	20.650	20.600	20.691	BB	94885	1410995	67.02%	4.283%
17	21.439	21.375	21.512	BB	71938	1361864	64.69%	4.134%
18	22.442	22.358	22.528	BB	53051	1350559	64.15%	4.100%
Sum of corrected areas:							32941101	

FG070925.M Fri Jul 11 04:50:19 2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#4MS	SDG No.:	Q2473
Lab Sample ID:	Q2473-04MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016140.D	1	07/10/25 09:00	07/10/25 16:42	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	26600		423	3120	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.4		37 - 130	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016140.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 16:42
 Operator : YP\AJ
 Sample : Q2473-04MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PIT#4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 02:58:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.096	1203313	12.358 ug/ml
Target Compounds			
1) N-OCTANE	2.075	1591323	12.758 ug/ml
2) N-DECANE	4.614	1885880	15.153 ug/ml
3) N-DODECANE	6.791	1968893	16.158 ug/ml
4) N-TETRADECANE	8.624	2038025	16.952 ug/ml
5) N-HEXADECANE	10.234	2088900	17.958 ug/ml
6) N-OCTADECANE	11.680	2115830	18.207 ug/ml
7) N-EICOSANE	12.993	2185547	18.687 ug/ml
8) N-DOCOSANE	14.195	2141926	19.103 ug/ml
10) N-TETRACOSANE	15.302	2403976	21.675 ug/ml
11) N-HEXACOSANE	16.326	2059185	19.177 ug/ml
12) N-OCTACOSANE	17.277	2128719	19.796 ug/mlm
13) N-TRIACONTANE	18.170	2123106	19.602 ug/ml
14) N-DOTRIACONTANE	19.005	1913180	18.244 ug/ml
15) N-TETRATRIACONTANE	19.791	1660958	17.313 ug/ml
16) N-HEXATRIACONTANE	20.534	1345700	16.131 ug/ml
17) N-OCTATRIACONTANE	21.300	1285843	17.460 ug/ml
18) N-TETRACONTANE	22.265	1308721	19.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016140.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 16:42
Operator : YP\AJ
Sample : Q2473-04MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

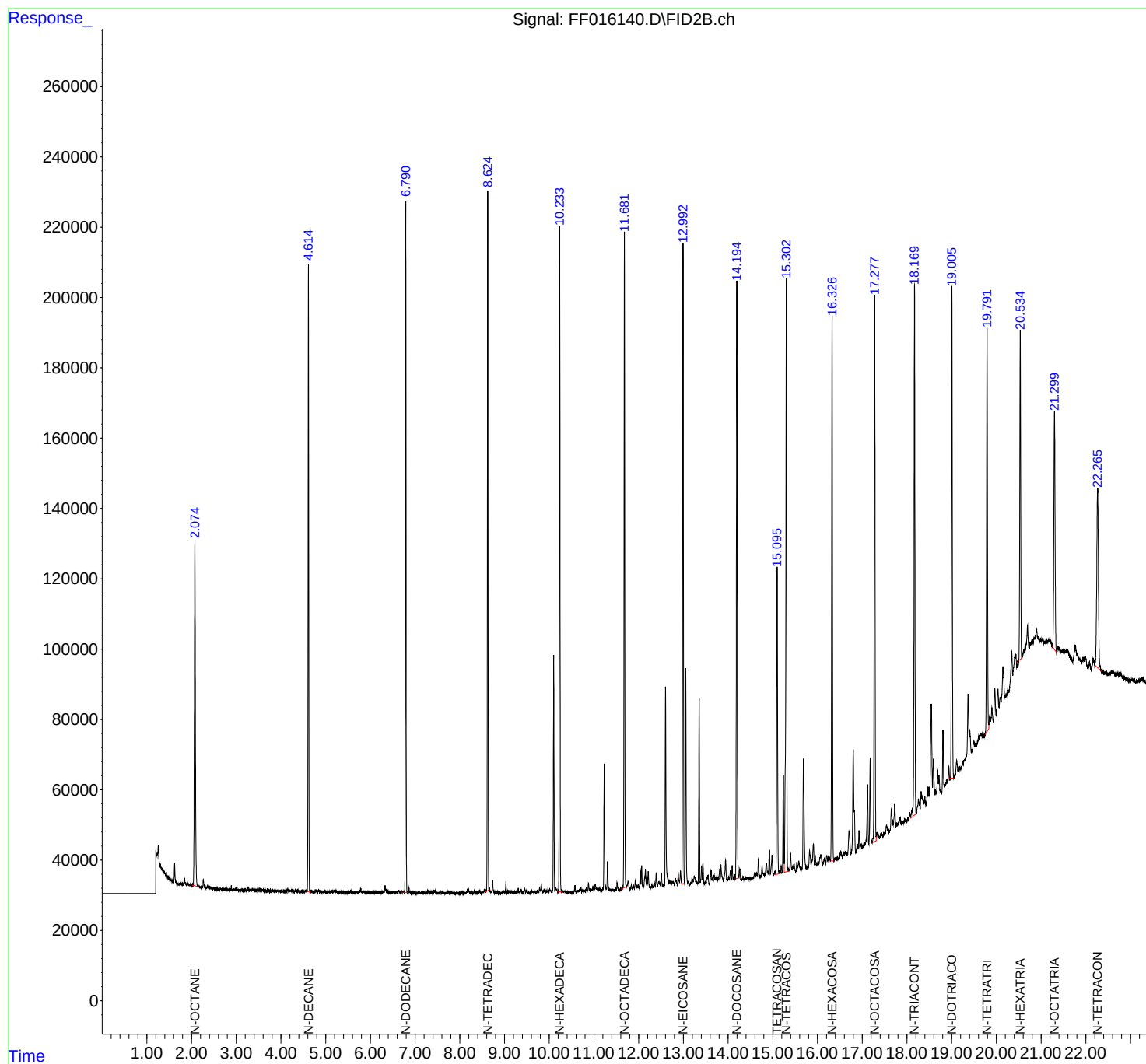
Instrument :
FID_F
ClientSampleId :
PIT#4MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 11 02:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_F

ClientSampleId :

PIT#4MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025.M
Data File : FF016140.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 16:42
Sample : Q2473-04MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.205	1.197	1.230	BV	12033	195053	8.03%	0.249%
2	1.256	1.230	1.339	VV	13620	607836	25.02%	0.775%
3	1.346	1.339	1.428	VV	7013	318956	13.13%	0.407%
4	1.437	1.428	1.527	VV	5857	267540	11.01%	0.341%
5	1.532	1.527	1.593	VV	3833	138349	5.69%	0.176%
6	1.621	1.593	1.709	VV	8403	258000	10.62%	0.329%
7	1.728	1.709	1.746	VV	2644	57206	2.35%	0.073%
8	1.754	1.746	1.771	VV	2714	39354	1.62%	0.050%
9	1.777	1.771	1.817	VV	2592	68450	2.82%	0.087%
10	1.843	1.817	1.882	VV	4176	113518	4.67%	0.145%
11	1.894	1.882	1.930	VV	2672	71140	2.93%	0.091%
12	1.932	1.930	1.938	VV	2439	11801	0.49%	0.015%
13	1.954	1.938	1.979	VV	2397	55952	2.30%	0.071%
14	1.984	1.979	1.991	VV	2253	16131	0.66%	0.021%
15	2.005	1.991	2.034	VV	2293	54921	2.26%	0.070%
16	2.075	2.034	2.172	VV	99748	1748717	71.98%	2.230%
17	2.174	2.172	2.182	VV	1722	9762	0.40%	0.012%
18	2.189	2.182	2.199	VV	1648	16091	0.66%	0.021%
19	2.205	2.199	2.218	VV	1632	18362	0.76%	0.023%
20	2.227	2.218	2.248	VV	1608	27554	1.13%	0.035%
21	2.262	2.248	2.320	VV	3669	87001	3.58%	0.111%
22	2.323	2.320	2.340	VV	1411	16480	0.68%	0.021%
23	2.355	2.340	2.384	VV	1939	40488	1.67%	0.052%
24	2.409	2.384	2.450	VV	1551	51736	2.13%	0.066%
25	2.454	2.450	2.468	VV	1117	11504	0.47%	0.015%
26	2.474	2.468	2.478	VV	1117	5780	0.24%	0.007%
27	2.481	2.478	2.485	VV	1127	4967	0.20%	0.006%
28	2.499	2.485	2.533	VV	1105	29654	1.22%	0.038%
29	2.534	2.533	2.574	VV	1062	24175	1.00%	0.031%
30	2.579	2.574	2.610	VV	994	19457	0.80%	0.025%
31	2.612	2.610	2.619	VV	961	4868	0.20%	0.006%
32	2.626	2.619	2.639	VV	958	11088	0.46%	0.014%
33	2.648	2.639	2.672	VV	966	17407	0.72%	0.022%
34	2.675	2.672	2.706	VV	902	17078	0.70%	0.022%
35	2.715	2.706	2.748	VV	864	20396	0.84%	0.026%
36	2.768	2.748	2.809	VV	1033	31131	1.28%	0.040%

					rters			
37	2.812	2.809	2.818	VV	738	3924	0.16%	0.005%
38	2.821	2.818	2.825	VV	747	3170		
39	2.848	2.825	2.855	VV	835	13587		
40	2.860	2.855	2.879	VV	797	10262		
41	2.888	2.879	2.907	VV	1550	12704		
42	2.916	2.907	2.922	VV	713	5742		
43	2.925	2.922	2.940	VV	690	7005	0.29%	0.009%
44	2.944	2.940	2.948	VV	645	2727	0.11%	0.003%
45	2.958	2.948	2.970	VV	656	8476	0.35%	0.011%
46	2.991	2.970	3.031	VV	1056	27580	1.14%	0.035%
47	3.044	3.031	3.069	VV	744	13984	0.58%	0.018%
48	3.081	3.069	3.097	VV	660	10383	0.43%	0.013%
49	3.102	3.097	3.107	VV	608	3308	0.14%	0.004%
50	3.114	3.107	3.119	VV	552	3533	0.15%	0.005%
51	3.131	3.119	3.160	VV	566	12457	0.51%	0.016%
52	3.165	3.160	3.176	VV	557	4673	0.19%	0.006%
53	3.185	3.176	3.196	VV	535	5918	0.24%	0.008%
54	3.203	3.196	3.216	VV	560	5945	0.24%	0.008%
55	3.220	3.216	3.225	VV	484	2284	0.09%	0.003%
56	3.231	3.225	3.236	VV	496	3114	0.13%	0.004%
57	3.254	3.236	3.289	VV	1029	22004	0.91%	0.028%
58	3.293	3.289	3.305	VV	472	4230	0.17%	0.005%
59	3.317	3.305	3.325	VV	483	5589	0.23%	0.007%
60	3.332	3.325	3.345	VV	527	5532	0.23%	0.007%
61	3.359	3.345	3.393	VV	855	17972	0.74%	0.023%
62	3.401	3.393	3.419	VV	512	6849	0.28%	0.009%
63	3.428	3.419	3.441	VV	422	5216	0.21%	0.007%
64	3.446	3.441	3.451	VV	441	2622	0.11%	0.003%
65	3.455	3.451	3.459	VV	478	1876	0.08%	0.002%
66	3.465	3.459	3.482	VV	458	5867	0.24%	0.007%
67	3.486	3.482	3.497	VV	464	3773	0.16%	0.005%
68	3.500	3.497	3.506	VV	435	2335	0.10%	0.003%
69	3.525	3.506	3.533	VV	548	7098	0.29%	0.009%
70	3.535	3.533	3.555	VV	550	6656	0.27%	0.008%
71	3.580	3.555	3.612	VV	588	14526	0.60%	0.019%
72	3.616	3.612	3.625	VV	328	1875	0.08%	0.002%
73	3.632	3.625	3.645	VV	304	2956	0.12%	0.004%
74	3.655	3.645	3.678	VV	275	4735	0.19%	0.006%
75	3.699	3.678	3.710	VV	442	5840	0.24%	0.007%
76	3.721	3.710	3.735	VV	358	4146	0.17%	0.005%
77	3.742	3.735	3.751	VV	256	2165	0.09%	0.003%
78	3.763	3.751	3.767	VV	229	1767	0.07%	0.002%
79	3.773	3.767	3.784	VV	216	1610	0.07%	0.002%
80	3.798	3.784	3.833	VV	273	5092	0.21%	0.006%
81	3.855	3.833	3.860	VV	183	2209	0.09%	0.003%
82	3.866	3.860	3.875	VV	161	1188	0.05%	0.002%
83	3.879	3.875	3.900	VV	163	1553	0.06%	0.002%
84	3.916	3.900	3.930	VV	193	2367	0.10%	0.003%
85	3.932	3.930	3.948	VV	133	847	0.03%	0.001%
86	3.951	3.948	3.961	VV	138	418	0.02%	0.001%
87	3.975	3.961	3.991	VV	95	523	0.02%	0.001%
88	4.011	3.995	4.026	BV	38	181	0.01%	0.000%
89	4.043	4.026	4.055	PV	136	1491	0.06%	0.002%

Instrument :

FID_F

ClientSampleId :

PIT#4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Instrument : FID_F									
ClientSampleId : PIT#4MS									
90	4.068	4.055	4.072	VV	159	993	0.04%	0.001%	
91	4.076	4.072	4.107	VV	159	2123			
92	4.118	4.107	4.123	PV	171	864			
93	4.149	4.123	4.198	VV	683	14659			
94	4.216	4.198	4.231	VV	459	6850			
95	4.236	4.231	4.296	VV	378	9170			
96	4.319	4.296	4.324	VV	415	4945	0.20%	0.006%	
97	4.332	4.324	4.346	VV	422	4579	0.19%	0.006%	
98	4.354	4.346	4.372	VV	380	4605	0.19%	0.006%	
99	4.380	4.372	4.405	VV	382	4658	0.19%	0.006%	
100	4.408	4.405	4.418	VV	203	1388	0.06%	0.002%	
101	4.425	4.418	4.472	VV	266	5208	0.21%	0.007%	
102	4.488	4.472	4.510	VV	193	3010	0.12%	0.004%	
103	4.538	4.510	4.553	VV	189	3772	0.16%	0.005%	
104	4.568	4.553	4.585	VV	304	4334	0.18%	0.006%	
105	4.614	4.585	4.671	VV	178516	1896389	78.06%	2.418%	
106	4.674	4.671	4.681	VV	232	1327	0.05%	0.002%	
107	4.697	4.681	4.712	VV	275	3949	0.16%	0.005%	
108	4.715	4.712	4.724	VV	202	1284	0.05%	0.002%	
109	4.742	4.724	4.759	VV	278	3578	0.15%	0.005%	
110	4.779	4.759	4.815	VV	754	10993	0.45%	0.014%	
111	4.820	4.815	4.825	VV	198	906	0.04%	0.001%	
112	4.839	4.825	4.874	VV	532	9147	0.38%	0.012%	
113	4.901	4.874	4.909	VV	281	3498	0.14%	0.004%	
114	4.924	4.909	4.947	VV	246	3712	0.15%	0.005%	
115	4.961	4.947	4.966	VV	226	1698	0.07%	0.002%	
116	4.978	4.966	5.014	VV	376	5726	0.24%	0.007%	
117	5.020	5.014	5.024	VV	226	920	0.04%	0.001%	
118	5.042	5.024	5.051	VV	221	2463	0.10%	0.003%	
119	5.075	5.051	5.092	VV	236	4324	0.18%	0.006%	
120	5.123	5.092	5.128	VV	304	4798	0.20%	0.006%	
121	5.135	5.128	5.151	VV	354	3534	0.15%	0.005%	
122	5.167	5.151	5.175	VV	399	4382	0.18%	0.006%	
123	5.188	5.175	5.192	VV	417	3875	0.16%	0.005%	
124	5.195	5.192	5.204	VV	402	2389	0.10%	0.003%	
125	5.206	5.204	5.211	VV	374	1586	0.07%	0.002%	
126	5.224	5.211	5.245	VV	491	6471	0.27%	0.008%	
127	5.250	5.245	5.257	VV	235	1553	0.06%	0.002%	
128	5.274	5.257	5.313	VV	289	4455	0.18%	0.006%	
129	5.334	5.313	5.353	PV	287	4300	0.18%	0.005%	
130	5.371	5.353	5.386	VV	230	3100	0.13%	0.004%	
131	5.408	5.386	5.422	VV	290	3494	0.14%	0.004%	
132	5.437	5.422	5.463	VV	291	3198	0.13%	0.004%	
133	5.474	5.463	5.490	VV	110	1120	0.05%	0.001%	
134	5.498	5.490	5.513	VV	170	1347	0.06%	0.002%	
135	5.515	5.513	5.524	VV	110	510	0.02%	0.001%	
136	5.556	5.524	5.580	VV	626	8464	0.35%	0.011%	
137	5.590	5.580	5.608	VV	200	2101	0.09%	0.003%	
138	5.634	5.608	5.644	VV	158	2364	0.10%	0.003%	
139	5.647	5.644	5.665	VV	76	699	0.03%	0.001%	
140	5.692	5.665	5.736	VV	381	5674	0.23%	0.007%	
141	5.756	5.736	5.771	PV	698	8508	0.35%	0.011%	

142	5.786	5.771	5.819	VV	1168	14042	0.58%	0.018%
143	5.833	5.819	5.841	VV	668	6175		
144	5.851	5.841	5.886	VV	623	8638		
145	5.888	5.886	5.894	VV	169	598		
146	5.899	5.894	5.912	VV	176	1233		
147	5.918	5.912	5.925	VV	179	705		
148	5.948	5.925	5.967	VV	204	3122	0.13%	0.004%
149	5.990	5.967	6.002	VV	218	3006	0.12%	0.004%
150	6.021	6.002	6.041	VV	314	4348	0.18%	0.006%
151	6.067	6.041	6.085	VV	364	4496	0.19%	0.006%
152	6.094	6.085	6.099	VV	180	1069	0.04%	0.001%
153	6.120	6.099	6.154	VV	357	5324	0.22%	0.007%
154	6.171	6.154	6.184	VV	261	2675	0.11%	0.003%
155	6.192	6.184	6.201	VV	236	2066	0.09%	0.003%
156	6.206	6.201	6.215	VV	169	1271	0.05%	0.002%
157	6.223	6.215	6.251	VV	220	3298	0.14%	0.004%
158	6.255	6.251	6.269	VV	192	1598	0.07%	0.002%
159	6.290	6.269	6.308	VV	400	6378	0.26%	0.008%
160	6.328	6.308	6.386	VV	2152	36734	1.51%	0.047%
161	6.396	6.386	6.420	VV	496	6270	0.26%	0.008%
162	6.437	6.420	6.443	VV	306	2607	0.11%	0.003%
163	6.445	6.443	6.463	VV	211	1657	0.07%	0.002%
164	6.479	6.463	6.486	VV	200	2217	0.09%	0.003%
165	6.505	6.486	6.535	VV	428	6719	0.28%	0.009%
166	6.560	6.535	6.587	VV	299	6499	0.27%	0.008%
167	6.591	6.587	6.602	VV	265	1773	0.07%	0.002%
168	6.627	6.602	6.667	VV	794	16439	0.68%	0.021%
169	6.678	6.667	6.695	VV	365	5202	0.21%	0.007%
170	6.706	6.695	6.727	VV	466	7051	0.29%	0.009%
171	6.736	6.727	6.761	VV	467	6957	0.29%	0.009%
172	6.791	6.761	6.844	VV	196704	1977840	81.41%	2.522%
173	6.862	6.844	6.900	VV	1560	19248	0.79%	0.025%
174	6.903	6.900	6.913	VV	253	1358	0.06%	0.002%
175	6.920	6.913	6.930	VV	200	1399	0.06%	0.002%
176	6.946	6.930	6.972	VV	247	3831	0.16%	0.005%
177	6.976	6.972	6.981	VV	147	648	0.03%	0.001%
178	6.986	6.981	7.010	VV	189	1684	0.07%	0.002%
179	7.017	7.010	7.024	VV	112	750	0.03%	0.001%
180	7.042	7.024	7.062	VV	189	2458	0.10%	0.003%
181	7.065	7.062	7.070	VV	204	599	0.02%	0.001%
182	7.075	7.070	7.088	VV	210	1051	0.04%	0.001%
183	7.113	7.088	7.154	VV	204	4938	0.20%	0.006%
184	7.158	7.154	7.168	VV	153	694	0.03%	0.001%
185	7.194	7.168	7.207	VV	176	2487	0.10%	0.003%
186	7.211	7.207	7.220	VV	154	689	0.03%	0.001%
187	7.230	7.220	7.235	VV	164	1052	0.04%	0.001%
188	7.239	7.235	7.254	VV	195	1400	0.06%	0.002%
189	7.260	7.254	7.266	VV	100	674	0.03%	0.001%
190	7.287	7.266	7.314	VV	749	12675	0.52%	0.016%
191	7.321	7.314	7.334	VV	397	4048	0.17%	0.005%
192	7.338	7.334	7.346	VV	315	1811	0.07%	0.002%
193	7.359	7.346	7.398	VV	334	6642	0.27%	0.008%
194	7.427	7.398	7.442	VV	907	12158	0.50%	0.016%

Instrument :

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/11/2025

					rters			
195	7.455	7.442	7.499	VV	686	10850	0.45%	0.014%
196	7.514	7.499	7.526	VV	251	2783		
197	7.540	7.526	7.545	VV	151	1007		
198	7.567	7.545	7.594	VV	864	10607		
199	7.608	7.594	7.622	PV	309	3283		
200	7.626	7.622	7.647	VV	235	2674		
201	7.654	7.647	7.667	VV	273	1846	0.08%	0.002%
202	7.685	7.667	7.713	VV	261	4618	0.19%	0.006%
203	7.741	7.713	7.772	VV	785	12135	0.50%	0.015%
204	7.799	7.772	7.819	VV	382	5148	0.21%	0.007%
205	7.826	7.819	7.831	VV	179	885	0.04%	0.001%
206	7.842	7.831	7.862	VV	225	2965	0.12%	0.004%
207	7.869	7.862	7.886	VV	248	2203	0.09%	0.003%
208	7.923	7.886	7.939	VV	231	4323	0.18%	0.006%
209	7.956	7.939	7.969	VV	195	2509	0.10%	0.003%
210	7.980	7.969	8.005	VV	159	2332	0.10%	0.003%
211	8.029	8.005	8.059	PV	668	10280	0.42%	0.013%
212	8.070	8.059	8.080	VV	155	1220	0.05%	0.002%
213	8.088	8.080	8.095	VV	126	1010	0.04%	0.001%
214	8.112	8.095	8.118	VV	152	1422	0.06%	0.002%
215	8.133	8.118	8.148	VV	250	2631	0.11%	0.003%
216	8.167	8.148	8.183	VV	819	10900	0.45%	0.014%
217	8.198	8.183	8.215	VV	946	12201	0.50%	0.016%
218	8.222	8.215	8.246	VV	313	4682	0.19%	0.006%
219	8.251	8.246	8.269	VV	219	2232	0.09%	0.003%
220	8.272	8.269	8.295	VV	216	1948	0.08%	0.002%
221	8.320	8.295	8.341	VV	493	8094	0.33%	0.010%
222	8.346	8.341	8.359	VV	303	2287	0.09%	0.003%
223	8.374	8.359	8.389	VV	374	4459	0.18%	0.006%
224	8.400	8.389	8.413	VV	276	2859	0.12%	0.004%
225	8.444	8.413	8.476	VV	653	14651	0.60%	0.019%
226	8.481	8.476	8.491	VV	235	1974	0.08%	0.003%
227	8.513	8.491	8.525	VV	503	7409	0.30%	0.009%
228	8.548	8.525	8.562	VV	1188	16111	0.66%	0.021%
229	8.577	8.562	8.588	VV	734	9294	0.38%	0.012%
230	8.624	8.588	8.651	VV	199694	2064404	84.98%	2.632%
231	8.660	8.651	8.688	VV	1589	19660	0.81%	0.025%
232	8.702	8.688	8.709	VV	551	5430	0.22%	0.007%
233	8.733	8.709	8.798	VV	3731	53903	2.22%	0.069%
234	8.803	8.798	8.808	VV	183	883	0.04%	0.001%
235	8.826	8.808	8.842	VV	304	4235	0.17%	0.005%
236	8.847	8.842	8.866	VV	251	2552	0.11%	0.003%
237	8.872	8.866	8.885	VV	175	1439	0.06%	0.002%
238	8.901	8.885	8.910	VV	160	1431	0.06%	0.002%
239	8.914	8.910	8.928	VV	135	710	0.03%	0.001%
240	8.947	8.928	8.959	VV	268	3493	0.14%	0.004%
241	8.972	8.959	8.978	VV	290	2753	0.11%	0.004%
242	8.985	8.978	9.011	VV	457	6575	0.27%	0.008%
243	9.031	9.011	9.061	VV	2610	30430	1.25%	0.039%
244	9.098	9.061	9.123	VV	546	15877	0.65%	0.020%
245	9.127	9.123	9.135	VV	377	2363	0.10%	0.003%
246	9.140	9.135	9.147	VV	378	2582	0.11%	0.003%

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247	9.156	9.147	9.196	VV	479	8902	0.37%	0.011%
248	9.200	9.196	9.206	VV	185	912		
249	9.229	9.206	9.250	VV	441	7016		
250	9.275	9.250	9.291	VV	665	10398		
251	9.306	9.291	9.332	VV	1388	15916		
252	9.373	9.332	9.418	VV	992	23905		
253	9.449	9.418	9.468	VV	1336	18424	0.76%	0.023%
254	9.486	9.468	9.532	VV	731	11216	0.46%	0.014%
255	9.541	9.532	9.573	PV	144	2107	0.09%	0.003%
256	9.575	9.573	9.581	VV	65	343	0.01%	0.000%
257	9.601	9.581	9.618	VV	633	7009	0.29%	0.009%
258	9.633	9.618	9.659	VV	624	7609	0.31%	0.010%
259	9.686	9.659	9.700	VV	454	5708	0.23%	0.007%
260	9.738	9.700	9.762	VV	529	9924	0.41%	0.013%
261	9.783	9.762	9.803	VV	1253	17900	0.74%	0.023%
262	9.822	9.803	9.858	VV	2713	39691	1.63%	0.051%
263	9.873	9.858	9.888	VV	612	7564	0.31%	0.010%
264	9.903	9.888	9.929	VV	792	13257	0.55%	0.017%
265	9.944	9.929	9.954	VV	459	5008	0.21%	0.006%
266	9.972	9.954	9.992	VV	1174	15924	0.66%	0.020%
267	10.012	9.992	10.025	VV	1015	13436	0.55%	0.017%
268	10.034	10.025	10.052	VV	600	7204	0.30%	0.009%
269	10.100	10.052	10.128	VV	67634	700665	28.84%	0.893%
270	10.146	10.128	10.198	VV	1322	32599	1.34%	0.042%
271	10.234	10.198	10.290	VV	189730	2101583	86.51%	2.680%
272	10.308	10.290	10.322	VV	408	5120	0.21%	0.007%
273	10.341	10.322	10.375	VV	422	6706	0.28%	0.009%
274	10.393	10.375	10.398	VV	194	1603	0.07%	0.002%
275	10.409	10.398	10.432	VV	186	2346	0.10%	0.003%
276	10.461	10.432	10.491	PV	166	2711	0.11%	0.003%
277	10.494	10.491	10.498	PV	25	88	0.00%	0.000%
278	10.512	10.498	10.524	PV	141	1113	0.05%	0.001%
279	10.575	10.524	10.601	VV	1994	26444	1.09%	0.034%
280	10.623	10.601	10.642	VV	542	7018	0.29%	0.009%
281	10.681	10.642	10.694	VV	776	13494	0.56%	0.017%
282	10.710	10.694	10.733	VV	1063	14740	0.61%	0.019%
283	10.750	10.733	10.773	VV	682	8671	0.36%	0.011%
284	10.786	10.773	10.805	VV	415	5511	0.23%	0.007%
285	10.828	10.805	10.859	VV	887	17180	0.71%	0.022%
286	10.876	10.859	10.896	VV	2482	30163	1.24%	0.038%
287	10.900	10.896	10.912	VV	635	5710	0.24%	0.007%
288	10.931	10.912	10.950	VV	851	12965	0.53%	0.017%
289	10.974	10.950	10.985	VV	1205	18066	0.74%	0.023%
290	10.996	10.985	11.010	VV	1150	13338	0.55%	0.017%
291	11.031	11.010	11.051	VV	2004	32447	1.34%	0.041%
292	11.059	11.051	11.068	VV	906	7949	0.33%	0.010%
293	11.073	11.068	11.093	VV	743	8485	0.35%	0.011%
294	11.101	11.093	11.115	VV	494	5539	0.23%	0.007%
295	11.127	11.115	11.149	VV	735	9642	0.40%	0.012%
296	11.165	11.149	11.179	VV	372	4971	0.20%	0.006%
297	11.198	11.179	11.207	VV	919	10025	0.41%	0.013%
298	11.230	11.207	11.279	VV	36233	401411	16.52%	0.512%
299	11.304	11.279	11.369	VV	8450	108337	4.46%	0.138%

Instrument :

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ClientSampleId :

PIT#4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

300	11.376	11.369	11.385	VV	255	2169	0.09%	0.003%
301	11.405	11.385	11.411	VV	346	4737		
302	11.415	11.411	11.446	VV	330	4802		
303	11.454	11.446	11.459	VV	168	1105		
304	11.482	11.459	11.500	VV	879	12538		
305	11.517	11.500	11.563	VV	2316	31177		
306	11.610	11.563	11.625	PV	509	10914	0.45%	0.014%
307	11.680	11.625	11.731	VV	186678	2165461	89.14%	2.761%
308	11.763	11.731	11.800	VV	2473	57937	2.38%	0.074%
309	11.835	11.800	11.855	VV	1312	20464	0.84%	0.026%
310	11.879	11.855	11.902	VV	1285	23447	0.97%	0.030%
311	11.924	11.902	11.950	VV	2451	35807	1.47%	0.046%
312	11.952	11.950	11.972	VV	847	9326	0.38%	0.012%
313	11.989	11.972	12.009	VV	1043	16086	0.66%	0.021%
314	12.036	12.009	12.050	VV	5248	63039	2.59%	0.080%
315	12.066	12.050	12.112	VV	6743	91209	3.75%	0.116%
316	12.151	12.112	12.170	VV	5623	101268	4.17%	0.129%
317	12.184	12.170	12.198	VV	3695	44487	1.83%	0.057%
318	12.214	12.198	12.250	VV	4922	67653	2.78%	0.086%
319	12.254	12.250	12.270	VV	469	4189	0.17%	0.005%
320	12.294	12.270	12.322	VV	791	17143	0.71%	0.022%
321	12.351	12.322	12.369	VV	1570	27592	1.14%	0.035%
322	12.391	12.369	12.414	VV	4187	55839	2.30%	0.071%
323	12.451	12.414	12.482	VV	1722	49543	2.04%	0.063%
324	12.507	12.482	12.531	VV	4329	63409	2.61%	0.081%
325	12.537	12.531	12.553	VV	907	10657	0.44%	0.014%
326	12.565	12.553	12.579	VV	930	12716	0.52%	0.016%
327	12.601	12.579	12.675	VV	57122	754647	31.06%	0.962%
328	12.682	12.675	12.699	VV	1684	21596	0.89%	0.028%
329	12.710	12.699	12.730	VV	1642	25320	1.04%	0.032%
330	12.738	12.730	12.745	VV	1316	11954	0.49%	0.015%
331	12.758	12.745	12.777	VV	1636	26459	1.09%	0.034%
332	12.780	12.777	12.801	VV	1303	13846	0.57%	0.018%
333	12.825	12.801	12.841	VV	2176	36112	1.49%	0.046%
334	12.846	12.841	12.865	VV	1518	15142	0.62%	0.019%
335	12.885	12.865	12.916	VV	3618	63007	2.59%	0.080%
336	12.936	12.916	12.956	VV	4453	66330	2.73%	0.085%
337	12.993	12.956	13.026	VV	182799	2218905	91.34%	2.829%
338	13.054	13.026	13.092	VV	61934	717014	29.51%	0.914%
339	13.107	13.092	13.134	VV	1345	23496	0.97%	0.030%
340	13.157	13.134	13.162	VV	731	9278	0.38%	0.012%
341	13.191	13.162	13.203	VV	1931	29833	1.23%	0.038%
342	13.211	13.203	13.227	VV	1648	20856	0.86%	0.027%
343	13.243	13.227	13.285	VV	2755	65600	2.70%	0.084%
344	13.291	13.285	13.325	VV	1098	19249	0.79%	0.025%
345	13.353	13.325	13.380	VV	53198	597616	24.60%	0.762%
346	13.409	13.380	13.425	VV	5292	77249	3.18%	0.099%
347	13.440	13.425	13.473	VV	5460	68408	2.82%	0.087%
348	13.497	13.473	13.506	VV	737	10622	0.44%	0.014%
349	13.526	13.506	13.537	VV	2248	27219	1.12%	0.035%
350	13.551	13.537	13.579	VV	2732	36552	1.50%	0.047%
351	13.620	13.579	13.645	PV	4082	75937	3.13%	0.097%

Instrument :

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PIT#4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

rteres							entecanple : PIT#4MS	
352	13.652	13.645	13.669	VV	1408	17711	0.73%	0.023%
353	13.688	13.669	13.709	VV	2431	44259	Manual Integrat	
354	13.725	13.709	13.737	VV	1641	24575		
355	13.751	13.737	13.768	VV	2378	32394		
356	13.783	13.768	13.788	VV	1550	16560		
357	13.814	13.788	13.827	VV	4120	65570	2	Reviewed By :Yog Supervised By :m
358	13.839	13.827	13.894	VV	5250	100434	4.13%	0.128%
359	13.943	13.894	13.975	VV	6393	130954	5.39%	0.167%
360	14.012	13.975	14.030	VV	1554	31207	1.28%	0.040%
361	14.052	14.030	14.072	VV	3288	47713	1.96%	0.061%
362	14.091	14.072	14.116	VV	4680	57635	2.37%	0.073%
363	14.140	14.116	14.162	VV	2006	38454	1.58%	0.049%
364	14.195	14.162	14.242	VV	170666	2180505	89.76%	2.780%
365	14.263	14.242	14.300	VV	3464	50804	2.09%	0.065%
366	14.336	14.300	14.355	VV	1087	19324	0.80%	0.025%
367	14.373	14.355	14.386	VV	583	7655	0.32%	0.010%
368	14.403	14.386	14.414	VV	658	8529	0.35%	0.011%
369	14.426	14.414	14.450	VV	739	11409	0.47%	0.015%
370	14.453	14.450	14.461	VV	452	2317	0.10%	0.003%
371	14.475	14.461	14.495	VV	578	6091	0.25%	0.008%
372	14.501	14.495	14.514	VV	209	1479	0.06%	0.002%
373	14.529	14.514	14.545	PV	191	2802	0.12%	0.004%
374	14.555	14.545	14.572	VV	407	3922	0.16%	0.005%
375	14.591	14.572	14.609	VV	1783	24214	1.00%	0.031%
376	14.639	14.609	14.659	VV	1358	32702	1.35%	0.042%
377	14.680	14.659	14.736	VV	5364	77481	3.19%	0.099%
378	14.759	14.736	14.819	VV	3280	66297	2.73%	0.085%
379	14.857	14.819	14.880	VV	3777	78029	3.21%	0.099%
380	14.886	14.880	14.897	VV	1202	11640	0.48%	0.015%
381	14.923	14.897	14.945	VV	7489	103352	4.25%	0.132%
382	14.981	14.945	15.010	VV	5956	99856	4.11%	0.127%
383	15.045	15.010	15.062	VV	953	17169	0.71%	0.022%
384	15.096	15.062	15.140	VV	87333	1203938	49.56%	1.535%
385	15.151	15.140	15.167	VV	971	12635	0.52%	0.016%
386	15.186	15.167	15.206	VV	2455	29525	1.22%	0.038%
387	15.235	15.206	15.255	VV	27936	329812	13.58%	0.421%
388	15.302	15.255	15.336	VV	169259	2417783	99.52%	3.083%
389	15.343	15.336	15.361	VV	1151	13664	0.56%	0.017%
390	15.398	15.361	15.426	VV	5472	88158	3.63%	0.112%
391	15.442	15.426	15.456	VV	1348	21878	0.90%	0.028%
392	15.474	15.456	15.512	VV	2329	41362	1.70%	0.053%
393	15.538	15.512	15.559	PV	2633	38390	1.58%	0.049%
394	15.577	15.559	15.634	VV	2639	55789	2.30%	0.071%
395	15.686	15.634	15.747	VV	31547	550229	22.65%	0.702%
396	15.754	15.747	15.764	VV	485	3606	0.15%	0.005%
397	15.782	15.764	15.797	VV	585	8892	0.37%	0.011%
398	15.823	15.797	15.856	VV	4928	94333	3.88%	0.120%
399	15.909	15.856	15.931	VV	6553	139586	5.75%	0.178%
400	15.949	15.931	15.970	VV	3223	41148	1.69%	0.052%
401	15.993	15.970	16.009	VV	803	13644	0.56%	0.017%
402	16.018	16.009	16.023	VV	661	5184	0.21%	0.007%
403	16.074	16.023	16.107	VV	3027	82102	3.38%	0.105%
404	16.149	16.107	16.178	VV	1545	29604	1.22%	0.038%

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405	16.205	16.178	16.223	PV	2141	31688	1.30%	0.040%
406	16.236	16.223	16.252	VV	1434	20664		
407	16.268	16.252	16.288	VV	1545	24115		
408	16.326	16.288	16.370	VV	155198	2069750	85	
409	16.393	16.370	16.408	PV	733	9947		
410	16.416	16.408	16.421	VV	438	2383		
411	16.449	16.421	16.474	VV	525	10528	0.43%	0.013%
412	16.521	16.474	16.539	PV	2182	36877	1.52%	0.047%
413	16.546	16.539	16.561	VV	807	7364	0.30%	0.009%
414	16.581	16.561	16.598	VV	1686	19031	0.78%	0.024%
415	16.621	16.598	16.625	VV	1401	15778	0.65%	0.020%
416	16.631	16.625	16.647	VV	1396	12767	0.53%	0.016%
417	16.662	16.647	16.672	VV	932	9026	0.37%	0.012%
418	16.704	16.672	16.748	VV	6799	149437	6.15%	0.191%
419	16.799	16.748	16.821	VV	29563	486198	20.01%	0.620%
420	16.823	16.821	16.854	VV	12023	112470	4.63%	0.143%
421	16.889	16.854	16.907	PV	1719	30257	1.25%	0.039%
422	16.928	16.907	16.953	VV	5730	74340	3.06%	0.095%
423	16.970	16.953	17.002	VV	1540	28656	1.18%	0.037%
424	17.057	17.002	17.065	VV	949	25137	1.03%	0.032%
425	17.120	17.065	17.147	VV	17413	273179	11.24%	0.348%
426	17.178	17.147	17.224	VV	24264	304996	12.55%	0.389%
427	17.278	17.224	17.314	PV	155690	2132991	87.80%	2.720%
428	17.330	17.314	17.341	VV	2276	30039	1.24%	0.038%
429	17.352	17.341	17.376	VV	2049	26615	1.10%	0.034%
430	17.424	17.376	17.431	VV	1386	27214	1.12%	0.035%
431	17.432	17.431	17.462	VV	1287	12418	0.51%	0.016%
432	17.485	17.462	17.502	VV	975	11389	0.47%	0.015%
433	17.547	17.502	17.577	VV	2354	60489	2.49%	0.077%
434	17.582	17.577	17.597	VV	1050	9781	0.40%	0.012%
435	17.603	17.597	17.609	VV	614	3432	0.14%	0.004%
436	17.653	17.609	17.691	VV	6402	137855	5.67%	0.176%
437	17.729	17.691	17.752	VV	7020	133782	5.51%	0.171%
438	17.770	17.752	17.785	VV	1591	21793	0.90%	0.028%
439	17.810	17.785	17.817	VV	1347	21415	0.88%	0.027%
440	17.841	17.817	17.869	VV	2411	50484	2.08%	0.064%
441	17.881	17.869	17.886	VV	975	7853	0.32%	0.010%
442	17.891	17.886	17.895	VV	902	4188	0.17%	0.005%
443	17.904	17.895	17.924	VV	924	12143	0.50%	0.015%
444	17.961	17.924	17.984	VV	1087	25458	1.05%	0.032%
445	17.999	17.984	18.003	PV	611	3935	0.16%	0.005%
446	18.026	18.003	18.038	VV	855	11987	0.49%	0.015%
447	18.064	18.038	18.083	VV	2245	35263	1.45%	0.045%
448	18.170	18.083	18.203	VV	151291	2150698	88.53%	2.742%
449	18.208	18.203	18.211	VV	963	3516	0.14%	0.004%
450	18.257	18.211	18.297	VV	4154	118813	4.89%	0.152%
451	18.320	18.297	18.341	VV	5507	101399	4.17%	0.129%
452	18.347	18.341	18.377	VV	3976	60095	2.47%	0.077%
453	18.401	18.377	18.422	VV	3385	58955	2.43%	0.075%
454	18.460	18.422	18.476	VV	5662	89958	3.70%	0.115%
455	18.493	18.476	18.507	VV	5242	79258	3.26%	0.101%
456	18.545	18.507	18.572	VV	28379	590473	24.31%	0.753%

Instrument :

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Manual IntegrationsAPPROVED

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457	18.592	18.572	18.620	VV	12285	211173	8.69%	0.269%
458	18.634	18.620	18.647	VV	3059	40528		
459	18.685	18.647	18.701	VV	8206	148225		
460	18.716	18.701	18.740	VV	6417	104669		
461	18.746	18.740	18.776	VV	2234	33111		
462	18.805	18.776	18.836	VV	18453	262945	10.15%	0.047%
463	18.856	18.836	18.862	VV	2563	36466	1.50%	0.047%
464	18.889	18.862	18.908	VV	3792	81886	3.37%	0.104%
465	18.938	18.908	18.961	VV	6824	130676	5.38%	0.167%
466	19.005	18.961	19.050	VV	142376	2071160	85.25%	2.641%
467	19.067	19.050	19.076	VV	3192	43339	1.78%	0.055%
468	19.114	19.076	19.146	VV	6763	202488	8.33%	0.258%
469	19.167	19.146	19.190	VV	4786	113284	4.66%	0.144%
470	19.211	19.190	19.224	VV	4037	77637	3.20%	0.099%
471	19.241	19.224	19.262	VV	5135	104401	4.30%	0.133%
472	19.290	19.262	19.295	VV	5511	105064	4.32%	0.134%
473	19.301	19.295	19.305	VV	5443	32121	1.32%	0.041%
474	19.366	19.305	19.392	VV	23363	607049	24.99%	0.774%
475	19.406	19.392	19.439	VV	12707	278092	11.45%	0.355%
476	19.450	19.439	19.456	VV	6857	64448	2.65%	0.082%
477	19.488	19.456	19.506	VV	8504	226577	9.33%	0.289%
478	19.513	19.506	19.525	VV	7946	89755	3.69%	0.114%
479	19.541	19.525	19.561	VV	7848	155167	6.39%	0.198%
480	19.604	19.561	19.620	VV	9302	286298	11.78%	0.365%
481	19.648	19.620	19.659	VV	9618	212111	8.73%	0.270%
482	19.664	19.659	19.689	VV	9429	157091	6.47%	0.200%
483	19.700	19.689	19.722	VV	9633	171335	7.05%	0.218%
484	19.728	19.722	19.735	VV	8044	60091	2.47%	0.077%
485	19.748	19.735	19.753	VV	8443	88006	3.62%	0.112%
486	19.791	19.753	19.831	VV	123025	2074904	85.41%	2.646%
487	19.855	19.831	19.870	VV	12436	269341	11.09%	0.343%
488	19.900	19.870	19.935	VV	14417	466085	19.19%	0.594%
489	19.965	19.935	19.993	VV	19414	515424	21.22%	0.657%
490	20.035	19.993	20.061	VV	18429	600513	24.72%	0.766%
491	20.084	20.061	20.107	VV	15754	407837	16.79%	0.520%
492	20.147	20.107	20.192	VV	23848	940412	38.71%	1.199%
493	20.202	20.192	20.207	VV	14767	132800	5.47%	0.169%
494	20.221	20.207	20.227	VV	14985	179366	7.38%	0.229%
495	20.255	20.227	20.265	VV	16035	348844	14.36%	0.445%
496	20.268	20.265	20.284	VV	15720	174040	7.16%	0.222%
497	20.344	20.284	20.367	VV	26099	1018256	41.91%	1.298%
498	20.414	20.367	20.425	VV	24612	778794	32.06%	0.993%
499	20.434	20.425	20.455	VV	24469	413346	17.01%	0.527%
500	20.483	20.455	20.494	VV	22177	500042	20.58%	0.638%
501	20.534	20.494	20.576	VV	115860	2429393	100.00%	3.098%
502	20.612	20.576	20.621	VV	24350	630526	25.95%	0.804%
503	20.625	20.621	20.627	VV	23727	88559	3.65%	0.113%
504	20.650	20.627	20.653	VV	24382	378612	15.58%	0.483%
505	20.697	20.653	20.735	VV	30375	1280153	52.69%	1.632%
506	20.754	20.735	20.768	VV	24772	488465	20.11%	0.623%
507	20.793	20.768	20.797	VV	24721	415006	17.08%	0.529%
508	20.810	20.797	20.822	VV	25004	375721	15.47%	0.479%
509	20.842	20.822	20.860	VV	25363	559382	23.03%	0.713%

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

							Instrument : FID_F ClientSampleId : PIT#4MS	
510	20.896	20.860	20.922	VV	27175	974229	40.10%	1.242%
511	20.927	20.922	20.948	VV	24860	380915	15.86%	0.305%
512	20.955	20.948	20.969	VV	24375	297056	12.25%	0.240%
513	20.973	20.969	20.983	VV	23411	201373	8.61%	0.197%
514	20.991	20.983	21.004	VV	23699	287229	11.86%	0.292%
515	21.024	21.004	21.042	VV	23312	519763	22.25%	0.661%
516	21.047	21.042	21.056	VV	22464	183875	7.57%	0.234%
517	21.067	21.056	21.074	VV	22224	239453	9.86%	0.305%
518	21.079	21.074	21.088	VV	21982	188087	7.74%	0.240%
519	21.112	21.088	21.128	VV	22247	518654	21.35%	0.661%
520	21.136	21.128	21.146	VV	21533	229342	9.44%	0.292%
521	21.155	21.146	21.165	VV	21628	248643	10.23%	0.317%
522	21.177	21.165	21.185	VV	21629	254537	10.48%	0.325%
523	21.200	21.185	21.243	VV	21489	716754	29.50%	0.914%
524	21.248	21.243	21.257	VV	19146	154303	6.35%	0.197%
525	21.300	21.257	21.354	VV	85271	2304863	94.87%	2.939%
526	21.380	21.354	21.401	VV	17856	480466	19.78%	0.613%
527	21.405	21.401	21.412	VV	17013	117954	4.86%	0.150%
528	21.417	21.412	21.447	VV	16655	331573	13.65%	0.423%
529	21.452	21.447	21.464	VV	15755	155986	6.42%	0.199%
530	21.480	21.464	21.512	VV	15959	449087	18.49%	0.573%
531	21.527	21.512	21.536	VV	15221	214361	8.82%	0.273%
532	21.542	21.536	21.547	VV	14727	98053	4.04%	0.125%
533	21.554	21.547	21.562	VV	14760	130316	5.36%	0.166%
534	21.571	21.562	21.577	VV	14928	138237	5.69%	0.176%
535	21.589	21.577	21.594	VV	14981	145609	5.99%	0.186%
536	21.599	21.594	21.637	VV	14637	349854	14.40%	0.446%
537	21.646	21.637	21.672	VV	12436	248530	10.23%	0.317%
538	21.679	21.672	21.686	VV	11679	99027	4.08%	0.126%
539	21.690	21.686	21.707	VV	10959	130915	5.39%	0.167%
540	21.715	21.707	21.722	VV	10960	98175	4.04%	0.125%
541	21.764	21.722	21.799	VV	14518	586845	24.16%	0.748%
542	21.810	21.799	21.847	VV	11667	306275	12.61%	0.391%
543	21.854	21.847	21.867	VV	9744	119767	4.93%	0.153%
544	21.871	21.867	21.908	VV	9480	214144	8.81%	0.273%
545	21.938	21.908	21.952	VV	9217	229240	9.44%	0.292%
546	21.991	21.952	22.038	VV	9126	398412	16.40%	0.508%
547	22.042	22.038	22.051	VV	5384	41378	1.70%	0.053%
548	22.081	22.051	22.119	VV	6673	223832	9.21%	0.285%
549	22.168	22.119	22.200	VV	6656	270965	11.15%	0.346%
550	22.265	22.200	22.372	VV	54426	1601670	65.93%	2.042%
551	22.383	22.372	22.406	VV	1074	15864	0.65%	0.020%
552	22.411	22.406	22.415	VV	301	860	0.04%	0.001%
553	22.424	22.415	22.429	PV	407	1965	0.08%	0.003%
554	22.436	22.429	22.441	VV	253	1205	0.05%	0.002%
Sum of corrected areas:							78421838	

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#4MSD	SDG No.:	Q2473
Lab Sample ID:	Q2473-04MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016141.D	1	07/10/25 09:00	07/10/25 17:12	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	27100		423	3120	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.5		37 - 130	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016141.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 17:12
 Operator : YP\AJ
 Sample : Q2473-04MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PIT#4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 02:58:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.097	1213604	12.463 ug/ml
Target Compounds			
1) N-OCTANE	2.075	1639039	13.140 ug/ml
2) N-DECANE	4.613	1935325	15.551 ug/ml
3) N-DODECANE	6.790	2007243	16.472 ug/ml
4) N-TETRADECANE	8.624	2067707	17.199 ug/ml
5) N-HEXADECANE	10.234	2117632	18.205 ug/ml
6) N-OCTADECANE	11.680	2154512	18.540 ug/ml
7) N-EICOSANE	12.993	2212363	18.917 ug/ml
8) N-DOCOSANE	14.195	2183379	19.473 ug/ml
10) N-TETRACOSANE	15.302	2432129	21.929 ug/ml
11) N-HEXACOSANE	16.326	2103317	19.588 ug/ml
12) N-OCTACOSANE	17.279	2175161	20.228 ug/mlm
13) N-TRIACONTANE	18.171	2130974	19.675 ug/ml
14) N-DOTRIACONTANE	19.005	1912980	18.242 ug/ml
15) N-TETRATRIACONTANE	19.792	1666913	17.375 ug/ml
16) N-HEXATRIACONTANE	20.535	1410097	16.903 ug/mlm
17) N-OCTATRIACONTANE	21.301	1302802	17.690 ug/ml
18) N-TETRACONTANE	22.263	1307784	19.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016141.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 17:12
Operator : YP\AJ
Sample : Q2473-04MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

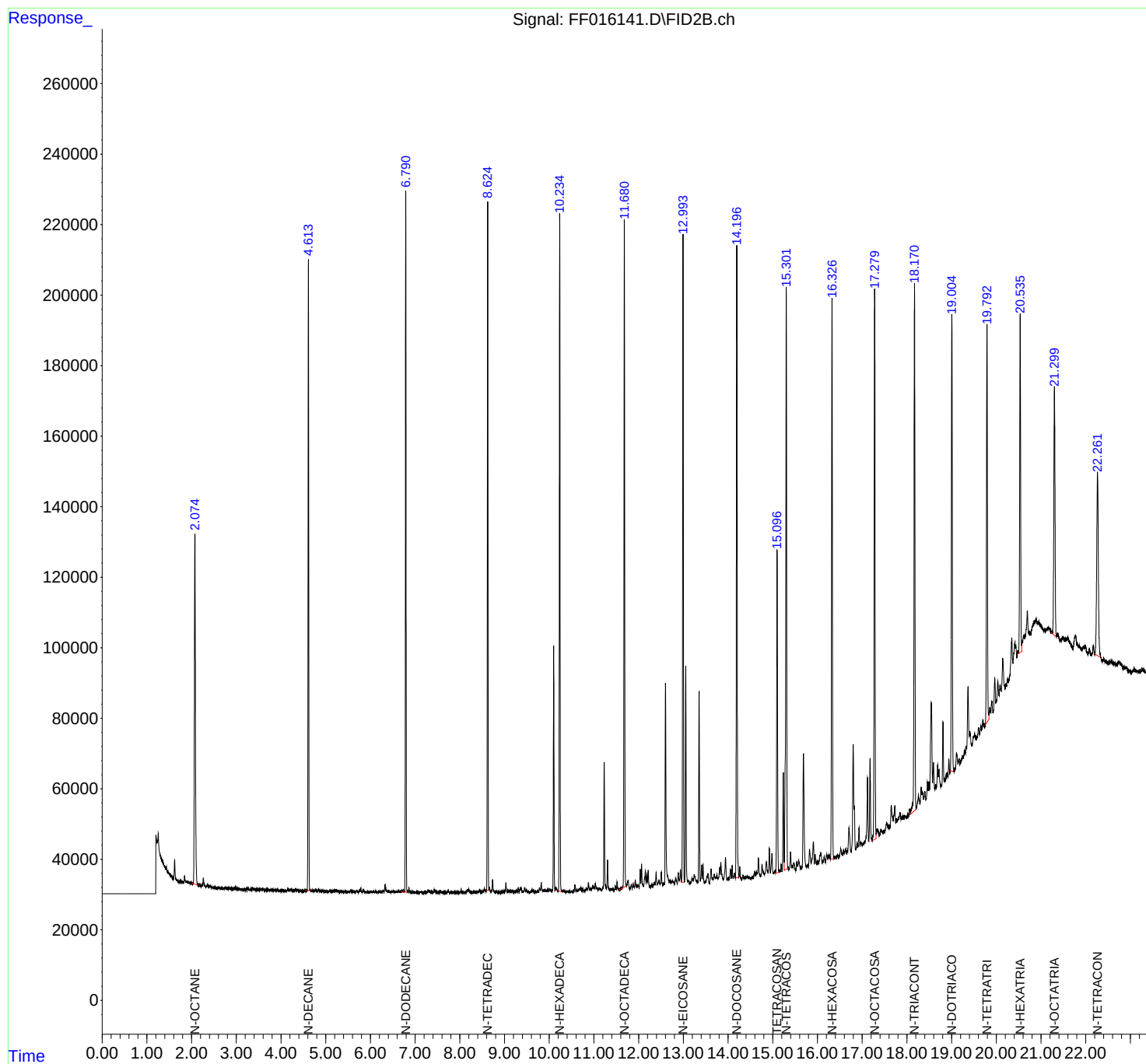
Instrument :
FID_F
ClientSampleId :
PIT#4MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 11 02:58:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_F

ClientSampleId :

PIT#4MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025.M
Data File : FF016141.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 17:12
Sample : Q2473-04MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.346	1.339	1.429	VV	9434	435727	17.61%	0.546%
2	1.437	1.429	1.595	VV	7663	543483	21.97%	0.680%
3	1.622	1.595	1.717	VV	9632	335094	13.54%	0.420%
4	1.725	1.717	1.740	VV	3389	47098	1.90%	0.059%
5	1.753	1.740	1.773	VV	3481	63832	2.58%	0.080%
6	1.775	1.773	1.779	VV	3193	12697	0.51%	0.016%
7	1.785	1.779	1.811	VV	3280	59596	2.41%	0.075%
8	1.816	1.811	1.822	VV	3071	19897	0.80%	0.025%
9	1.843	1.822	1.883	VV	4871	132859	5.37%	0.166%
10	1.895	1.883	1.945	VV	3240	113662	4.59%	0.142%
11	1.950	1.945	1.994	VV	3047	83682	3.38%	0.105%
12	2.002	1.994	2.007	VV	2795	20054	0.81%	0.025%
13	2.013	2.007	2.036	VV	2838	46681	1.89%	0.058%
14	2.075	2.036	2.155	VV	101765	1810337	73.17%	2.267%
15	2.159	2.155	2.170	VV	2190	20004	0.81%	0.025%
16	2.175	2.170	2.183	VV	2173	15432	0.62%	0.019%
17	2.188	2.183	2.206	VV	2155	28400	1.15%	0.036%
18	2.207	2.206	2.212	VV	2016	7664	0.31%	0.010%
19	2.235	2.212	2.241	VV	2072	33564	1.36%	0.042%
20	2.243	2.241	2.248	VV	1947	8683	0.35%	0.011%
21	2.263	2.248	2.337	VV	4095	118738	4.80%	0.149%
22	2.356	2.337	2.393	VV	2254	62027	2.51%	0.078%
23	2.408	2.393	2.449	VV	1880	54451	2.20%	0.068%
24	2.453	2.449	2.478	VV	1454	23430	0.95%	0.029%
25	2.480	2.478	2.490	VV	1408	10158	0.41%	0.013%
26	2.494	2.490	2.517	VV	1424	21648	0.88%	0.027%
27	2.522	2.517	2.531	VV	1365	10627	0.43%	0.013%
28	2.533	2.531	2.543	VV	1290	9530	0.39%	0.012%
29	2.549	2.543	2.565	VV	1274	16249	0.66%	0.020%
30	2.569	2.565	2.593	VV	1248	20570	0.83%	0.026%
31	2.595	2.593	2.629	VV	1253	24594	0.99%	0.031%
32	2.637	2.629	2.643	VV	1219	9627	0.39%	0.012%
33	2.657	2.643	2.675	VV	1239	22307	0.90%	0.028%
34	2.679	2.675	2.710	VV	1170	22427	0.91%	0.028%
35	2.716	2.710	2.721	VV	1076	6859	0.28%	0.009%
36	2.725	2.721	2.745	VV	1101	15224	0.62%	0.019%

37	2.763	2.745	2.793	VV	1218	31713	1.28%	0.040%
38	2.796	2.793	2.808	VV	996	8179		
39	2.811	2.808	2.825	VV	978	9486		
40	2.850	2.825	2.882	VV	1060	32235		
41	2.895	2.882	2.915	VV	991	17482		
42	2.917	2.915	2.940	VV	927	12363		
43	2.956	2.940	2.963	VV	934	11547	0.47%	0.014%
44	2.991	2.963	3.029	VV	1210	37500	1.52%	0.047%
45	3.043	3.029	3.065	VV	933	17440	0.70%	0.022%
46	3.084	3.065	3.113	VV	860	20488	0.83%	0.026%
47	3.116	3.113	3.129	VV	703	6731	0.27%	0.008%
48	3.137	3.129	3.152	VV	672	8464	0.34%	0.011%
49	3.159	3.152	3.180	VV	608	9940	0.40%	0.012%
50	3.201	3.180	3.228	VV	681	17274	0.70%	0.022%
51	3.255	3.228	3.298	VV	1072	29988	1.21%	0.038%
52	3.303	3.298	3.308	VV	578	3288	0.13%	0.004%
53	3.316	3.308	3.333	VV	580	7880	0.32%	0.010%
54	3.341	3.333	3.346	VV	602	4534	0.18%	0.006%
55	3.360	3.346	3.390	VV	981	19803	0.80%	0.025%
56	3.393	3.390	3.424	VV	628	11078	0.45%	0.014%
57	3.433	3.424	3.440	VV	561	5054	0.20%	0.006%
58	3.448	3.440	3.458	VV	603	5787	0.23%	0.007%
59	3.468	3.458	3.473	VV	555	4665	0.19%	0.006%
60	3.478	3.473	3.491	VV	536	5576	0.23%	0.007%
61	3.493	3.491	3.509	VV	583	5495	0.22%	0.007%
62	3.513	3.509	3.523	VV	554	4677	0.19%	0.006%
63	3.527	3.523	3.540	VV	591	5329	0.22%	0.007%
64	3.545	3.540	3.555	VV	593	5063	0.20%	0.006%
65	3.569	3.555	3.576	VV	621	7264	0.29%	0.009%
66	3.580	3.576	3.634	VV	597	16489	0.67%	0.021%
67	3.645	3.634	3.663	VV	428	6050	0.24%	0.008%
68	3.666	3.663	3.672	VV	395	2042	0.08%	0.003%
69	3.697	3.672	3.707	VV	533	8134	0.33%	0.010%
70	3.721	3.707	3.748	VV	441	8911	0.36%	0.011%
71	3.752	3.748	3.761	VV	309	1878	0.08%	0.002%
72	3.766	3.761	3.785	VV	308	3558	0.14%	0.004%
73	3.795	3.785	3.818	VV	356	5493	0.22%	0.007%
74	3.832	3.818	3.838	VV	223	2176	0.09%	0.003%
75	3.845	3.838	3.855	VV	146	1663	0.07%	0.002%
76	3.867	3.855	3.900	VV	264	5117	0.21%	0.006%
77	3.922	3.900	3.932	VV	272	4170	0.17%	0.005%
78	3.935	3.932	3.962	VV	246	2943	0.12%	0.004%
79	3.965	3.962	3.978	VV	141	1068	0.04%	0.001%
80	3.986	3.978	3.995	PBA	119	840	0.03%	0.001%
81	4.037	3.995	4.042	BV	157	751	0.03%	0.001%
82	4.044	4.042	4.067	VV	148	1081	0.04%	0.001%
83	4.070	4.067	4.074	PV	74	322	0.01%	0.000%
84	4.087	4.074	4.097	VV	119	1020	0.04%	0.001%
85	4.101	4.097	4.110	VV	85	468	0.02%	0.001%
86	4.149	4.110	4.186	PV	713	13463	0.54%	0.017%
87	4.189	4.186	4.200	VV	288	1817	0.07%	0.002%
88	4.217	4.200	4.235	VV	622	8597	0.35%	0.011%
89	4.239	4.235	4.243	VV	316	1443	0.06%	0.002%

Instrument :

FID_F

ClientSampleId :

PIT#4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

							Instrument : FID_F	
							ClientSampleId : PIT#4MSD	
90	4.247	4.243	4.296	VV	343	6453	0.26%	0.008%
91	4.321	4.296	4.348	VV	425	9704	Manual IntegrationsAPPROVED	
92	4.357	4.348	4.362	VV	363	2493		
93	4.377	4.362	4.397	VV	376	5023		
94	4.417	4.397	4.470	VV	224	6324		
95	4.481	4.470	4.510	VV	172	2291		
96	4.525	4.510	4.533	VV	181	1727	0.07%	0.002%
97	4.537	4.533	4.548	VV	213	1227	0.05%	0.002%
98	4.565	4.548	4.586	VV	374	5661	0.23%	0.007%
99	4.613	4.586	4.674	VV	179284	1944926	78.61%	2.435%
100	4.684	4.674	4.692	VV	309	2743	0.11%	0.003%
101	4.698	4.692	4.728	VV	285	4376	0.18%	0.005%
102	4.740	4.728	4.754	VV	257	3113	0.13%	0.004%
103	4.779	4.754	4.815	VV	821	12268	0.50%	0.015%
104	4.844	4.815	4.877	VV	529	10801	0.44%	0.014%
105	4.882	4.877	4.886	VV	163	758	0.03%	0.001%
106	4.899	4.886	4.913	VV	278	2729	0.11%	0.003%
107	4.923	4.913	4.950	VV	301	3361	0.14%	0.004%
108	4.976	4.950	4.999	VV	239	4697	0.19%	0.006%
109	5.008	4.999	5.018	VV	175	1575	0.06%	0.002%
110	5.021	5.018	5.052	VV	154	2207	0.09%	0.003%
111	5.069	5.052	5.076	VV	190	1890	0.08%	0.002%
112	5.081	5.076	5.097	VV	218	1592	0.06%	0.002%
113	5.117	5.097	5.124	VV	237	2867	0.12%	0.004%
114	5.129	5.124	5.138	VV	279	1759	0.07%	0.002%
115	5.158	5.138	5.171	VV	288	4616	0.19%	0.006%
116	5.176	5.171	5.189	VV	308	2767	0.11%	0.003%
117	5.195	5.189	5.200	VV	322	1981	0.08%	0.002%
118	5.205	5.200	5.212	VV	387	2247	0.09%	0.003%
119	5.232	5.212	5.253	VV	481	8024	0.32%	0.010%
120	5.267	5.253	5.290	VV	300	4143	0.17%	0.005%
121	5.295	5.290	5.311	VV	150	978	0.04%	0.001%
122	5.331	5.311	5.345	VV	267	3691	0.15%	0.005%
123	5.348	5.345	5.353	VV	157	701	0.03%	0.001%
124	5.356	5.353	5.359	VV	197	547	0.02%	0.001%
125	5.368	5.359	5.397	VV	200	2738	0.11%	0.003%
126	5.420	5.397	5.425	VV	209	2525	0.10%	0.003%
127	5.431	5.425	5.449	VV	268	2378	0.10%	0.003%
128	5.453	5.449	5.469	VV	118	1084	0.04%	0.001%
129	5.475	5.469	5.482	VV	70	402	0.02%	0.001%
130	5.499	5.482	5.527	VV	152	2357	0.10%	0.003%
131	5.532	5.527	5.537	VV	88	443	0.02%	0.001%
132	5.557	5.537	5.581	VV	674	7911	0.32%	0.010%
133	5.591	5.581	5.614	VV	250	2662	0.11%	0.003%
134	5.623	5.614	5.660	VV	161	2316	0.09%	0.003%
135	5.689	5.660	5.707	VV	462	5728	0.23%	0.007%
136	5.712	5.707	5.728	VV	134	1025	0.04%	0.001%
137	5.756	5.728	5.769	PV	750	8366	0.34%	0.010%
138	5.786	5.769	5.816	VV	1217	13457	0.54%	0.017%
139	5.832	5.816	5.841	VV	756	6560	0.27%	0.008%
140	5.847	5.841	5.880	VV	586	7745	0.31%	0.010%
141	5.891	5.880	5.900	VV	157	1335	0.05%	0.002%

Instrument : FID_F									
ClientSampleId : PIT#4MSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 07/11/2025									
Supervised By :mohammad ahmed 07/11/2025									
					rt	Area	Area%	Height	Height%
142	5.946	5.900	5.971	VV	199	4279	0.17%	0.005%	
143	5.979	5.971	5.985	VV	161	1025			
144	5.991	5.985	5.997	VV	161	796			
145	6.001	5.997	6.008	VV	184	1078			
146	6.020	6.008	6.036	VV	287	3046			
147	6.041	6.036	6.052	VV	140	1000			
148	6.072	6.052	6.103	VV	315	5659	0.23%	0.007%	
149	6.122	6.103	6.161	VV	406	5590	0.23%	0.007%	
150	6.196	6.161	6.249	PV	283	9719	0.39%	0.012%	
151	6.290	6.249	6.308	VV	521	9592	0.39%	0.012%	
152	6.328	6.308	6.384	VV	2262	37455	1.51%	0.047%	
153	6.399	6.384	6.423	VV	512	7492	0.30%	0.009%	
154	6.435	6.423	6.458	VV	257	3632	0.15%	0.005%	
155	6.504	6.458	6.537	VV	448	11279	0.46%	0.014%	
156	6.564	6.537	6.567	VV	250	3805	0.15%	0.005%	
157	6.572	6.567	6.575	VV	282	1144	0.05%	0.001%	
158	6.580	6.575	6.603	VV	293	3788	0.15%	0.005%	
159	6.625	6.603	6.658	VV	701	12393	0.50%	0.016%	
160	6.682	6.658	6.695	VV	337	5393	0.22%	0.007%	
161	6.704	6.695	6.720	VV	423	5145	0.21%	0.006%	
162	6.734	6.720	6.758	VV	489	7692	0.31%	0.010%	
163	6.790	6.758	6.840	VV	199123	2012962	81.36%	2.520%	
164	6.862	6.840	6.889	VV	1495	17800	0.72%	0.022%	
165	6.893	6.889	6.900	VV	249	1236	0.05%	0.002%	
166	6.904	6.900	6.930	VV	225	3185	0.13%	0.004%	
167	6.940	6.930	6.968	VV	305	4331	0.18%	0.005%	
168	6.979	6.968	7.011	VV	208	2412	0.10%	0.003%	
169	7.038	7.011	7.070	PV	136	3216	0.13%	0.004%	
170	7.074	7.070	7.078	VV	133	541	0.02%	0.001%	
171	7.083	7.078	7.097	VV	162	1088	0.04%	0.001%	
172	7.108	7.097	7.113	VV	194	1314	0.05%	0.002%	
173	7.124	7.113	7.158	VV	206	3409	0.14%	0.004%	
174	7.161	7.158	7.165	VV	101	385	0.02%	0.000%	
175	7.167	7.165	7.171	VV	140	343	0.01%	0.000%	
176	7.195	7.171	7.216	VV	163	3118	0.13%	0.004%	
177	7.234	7.216	7.248	VV	212	2572	0.10%	0.003%	
178	7.251	7.248	7.265	VV	230	1180	0.05%	0.001%	
179	7.284	7.265	7.344	VV	852	20937	0.85%	0.026%	
180	7.357	7.344	7.387	VV	338	6193	0.25%	0.008%	
181	7.390	7.387	7.397	VV	150	817	0.03%	0.001%	
182	7.426	7.397	7.443	VV	1023	13032	0.53%	0.016%	
183	7.456	7.443	7.477	VV	746	8537	0.35%	0.011%	
184	7.481	7.477	7.488	VV	255	1219	0.05%	0.002%	
185	7.489	7.488	7.499	VV	222	816	0.03%	0.001%	
186	7.513	7.499	7.545	VV	224	3348	0.14%	0.004%	
187	7.566	7.545	7.591	VV	853	9933	0.40%	0.012%	
188	7.606	7.591	7.628	VV	325	4091	0.17%	0.005%	
189	7.641	7.628	7.648	VV	203	1900	0.08%	0.002%	
190	7.654	7.648	7.666	VV	206	1624	0.07%	0.002%	
191	7.672	7.666	7.675	VV	165	844	0.03%	0.001%	
192	7.681	7.675	7.707	VV	216	2583	0.10%	0.003%	
193	7.740	7.707	7.770	VV	772	11792	0.48%	0.015%	
194	7.798	7.770	7.812	VV	385	4941	0.20%	0.006%	

195	7.829	7.812	7.838	VV	222	2288	0.09%	0.003%
196	7.871	7.838	7.880	VV	239	3744		
197	7.914	7.880	7.935	VV	231	4391		
198	7.960	7.935	7.978	VV	189	3148		
199	7.987	7.978	7.995	PV	131	631		
200	8.029	7.995	8.074	VV	748	11489		
201	8.082	8.074	8.095	VV	146	1537	0.06%	0.002%
202	8.100	8.095	8.111	VV	142	821	0.03%	0.001%
203	8.166	8.111	8.183	VV	926	15828	0.64%	0.020%
204	8.199	8.183	8.219	VV	1001	13233	0.53%	0.017%
205	8.223	8.219	8.254	VV	347	5047	0.20%	0.006%
206	8.258	8.254	8.264	VV	129	768	0.03%	0.001%
207	8.270	8.264	8.294	VV	213	2331	0.09%	0.003%
208	8.318	8.294	8.338	VV	441	7493	0.30%	0.009%
209	8.341	8.338	8.355	VV	255	2169	0.09%	0.003%
210	8.372	8.355	8.385	VV	267	3966	0.16%	0.005%
211	8.398	8.385	8.407	VV	262	2834	0.11%	0.004%
212	8.444	8.407	8.479	VV	634	15735	0.64%	0.020%
213	8.515	8.479	8.530	VV	515	10298	0.42%	0.013%
214	8.548	8.530	8.563	VV	1163	14960	0.60%	0.019%
215	8.577	8.563	8.590	VV	727	9880	0.40%	0.012%
216	8.624	8.590	8.650	VV	195988	2093149	84.60%	2.621%
217	8.661	8.650	8.688	VV	1616	20485	0.83%	0.026%
218	8.733	8.688	8.804	VV	3789	59670	2.41%	0.075%
219	8.822	8.804	8.834	VV	360	4173	0.17%	0.005%
220	8.837	8.834	8.848	VV	237	1451	0.06%	0.002%
221	8.856	8.848	8.888	VV	234	3367	0.14%	0.004%
222	8.908	8.888	8.920	VV	115	1287	0.05%	0.002%
223	8.952	8.920	8.961	VV	263	4011	0.16%	0.005%
224	8.981	8.961	9.011	VV	443	9628	0.39%	0.012%
225	9.031	9.011	9.057	VV	2799	31352	1.27%	0.039%
226	9.099	9.057	9.122	VV	562	16808	0.68%	0.021%
227	9.130	9.122	9.145	VV	416	5114	0.21%	0.006%
228	9.165	9.145	9.204	VV	458	10067	0.41%	0.013%
229	9.209	9.204	9.215	VV	191	1039	0.04%	0.001%
230	9.231	9.215	9.251	VV	375	5859	0.24%	0.007%
231	9.274	9.251	9.289	VV	654	8977	0.36%	0.011%
232	9.307	9.289	9.326	VV	1378	16105	0.65%	0.020%
233	9.357	9.326	9.413	VV	1190	34390	1.39%	0.043%
234	9.419	9.413	9.421	VV	152	615	0.02%	0.001%
235	9.450	9.421	9.470	VV	1367	19156	0.77%	0.024%
236	9.484	9.470	9.526	VV	721	11307	0.46%	0.014%
237	9.538	9.526	9.565	VV	152	2280	0.09%	0.003%
238	9.600	9.565	9.618	VV	635	7763	0.31%	0.010%
239	9.634	9.618	9.663	VV	687	9166	0.37%	0.011%
240	9.685	9.663	9.707	VV	402	5821	0.24%	0.007%
241	9.739	9.707	9.763	VV	563	9034	0.37%	0.011%
242	9.783	9.763	9.802	VV	1378	16892	0.68%	0.021%
243	9.822	9.802	9.860	VV	2738	40597	1.64%	0.051%
244	9.870	9.860	9.883	VV	521	5907	0.24%	0.007%
245	9.900	9.883	9.931	VV	684	13362	0.54%	0.017%
246	9.946	9.931	9.953	VV	421	4331	0.18%	0.005%

Instrument :

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Manual IntegrationsAPPROVED

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247	9.972	9.953	9.993	VV	1198	16060	0.65%	0.020%
248	10.011	9.993	10.027	VV	1064	13697		
249	10.033	10.027	10.055	VV	583	7242		
250	10.100	10.055	10.129	VV	69851	712754	28	
251	10.147	10.129	10.159	VV	1338	17988		
252	10.166	10.159	10.201	VV	1014	14063		
253	10.234	10.201	10.295	VV	191969	2130391	86.11%	2.667%
254	10.308	10.295	10.318	VV	372	3874	0.16%	0.005%
255	10.324	10.318	10.327	VV	223	990	0.04%	0.001%
256	10.338	10.327	10.364	VV	425	5477	0.22%	0.007%
257	10.367	10.364	10.380	PV	61	341	0.01%	0.000%
258	10.384	10.380	10.387	VV	124	324	0.01%	0.000%
259	10.405	10.387	10.419	VV	241	2974	0.12%	0.004%
260	10.421	10.419	10.442	VV	179	917	0.04%	0.001%
261	10.448	10.442	10.454	VV	116	578	0.02%	0.001%
262	10.460	10.454	10.475	VV	122	822	0.03%	0.001%
263	10.479	10.475	10.495	VV	75	447	0.02%	0.001%
264	10.506	10.495	10.524	VV	119	1222	0.05%	0.002%
265	10.575	10.524	10.604	PV	1966	26638	1.08%	0.033%
266	10.622	10.604	10.640	VV	534	6878	0.28%	0.009%
267	10.680	10.640	10.691	VV	770	13848	0.56%	0.017%
268	10.710	10.691	10.734	VV	1153	16293	0.66%	0.020%
269	10.749	10.734	10.767	VV	627	8119	0.33%	0.010%
270	10.772	10.767	10.777	VV	263	1316	0.05%	0.002%
271	10.791	10.777	10.806	VV	378	4814	0.19%	0.006%
272	10.827	10.806	10.855	VV	970	17460	0.71%	0.022%
273	10.876	10.855	10.895	VV	2483	32038	1.29%	0.040%
274	10.902	10.895	10.915	VV	713	7349	0.30%	0.009%
275	10.928	10.915	10.945	VV	889	12059	0.49%	0.015%
276	10.975	10.945	10.986	VV	1285	21989	0.89%	0.028%
277	10.996	10.986	11.010	VV	1240	13343	0.54%	0.017%
278	11.031	11.010	11.054	VV	2104	35236	1.42%	0.044%
279	11.060	11.054	11.091	VV	894	15518	0.63%	0.019%
280	11.099	11.091	11.109	VV	546	4818	0.19%	0.006%
281	11.128	11.109	11.145	VV	755	10522	0.43%	0.013%
282	11.158	11.145	11.180	VV	351	4892	0.20%	0.006%
283	11.196	11.180	11.205	VV	950	9285	0.38%	0.012%
284	11.229	11.205	11.278	VV	36435	410942	16.61%	0.514%
285	11.304	11.278	11.374	VV	8700	112653	4.55%	0.141%
286	11.405	11.374	11.446	VV	391	11331	0.46%	0.014%
287	11.450	11.446	11.457	VV	173	958	0.04%	0.001%
288	11.479	11.457	11.499	VV	955	13283	0.54%	0.017%
289	11.517	11.499	11.566	VV	2381	31761	1.28%	0.040%
290	11.607	11.566	11.625	PV	562	11241	0.45%	0.014%
291	11.680	11.625	11.731	VV	190011	2197481	88.82%	2.751%
292	11.766	11.731	11.804	VV	2427	60660	2.45%	0.076%
293	11.836	11.804	11.854	VV	1291	19947	0.81%	0.025%
294	11.875	11.854	11.904	VV	1292	24482	0.99%	0.031%
295	11.925	11.904	11.943	VV	2510	33121	1.34%	0.041%
296	11.954	11.943	11.971	VV	908	13073	0.53%	0.016%
297	11.988	11.971	12.008	VV	1055	16368	0.66%	0.020%
298	12.035	12.008	12.049	VV	5472	64044	2.59%	0.080%
299	12.066	12.049	12.110	VV	6912	93652	3.79%	0.117%

Instrument :

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Manual IntegrationsAPPROVED

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300	12.151	12.110	12.169	VV	4845	93073	3.76%	0.117%
301	12.184	12.169	12.197	VV	3752	44674		
302	12.214	12.197	12.252	VV	5022	68469		
303	12.256	12.252	12.271	VV	464	4121		
304	12.291	12.271	12.319	VV	848	15938		
305	12.353	12.319	12.369	VV	1431	27692		
306	12.391	12.369	12.416	VV	4213	57670	2.33%	0.072%
307	12.449	12.416	12.485	VV	1748	51739	2.09%	0.065%
308	12.508	12.485	12.557	VV	4269	74054	2.99%	0.093%
309	12.567	12.557	12.580	VV	882	10820	0.44%	0.014%
310	12.601	12.580	12.673	VV	57822	779587	31.51%	0.976%
311	12.683	12.673	12.698	VV	1687	22718	0.92%	0.028%
312	12.710	12.698	12.727	VV	1579	24456	0.99%	0.031%
313	12.737	12.727	12.746	VV	1322	13655	0.55%	0.017%
314	12.758	12.746	12.771	VV	1618	21306	0.86%	0.027%
315	12.780	12.771	12.800	VV	1284	17211	0.70%	0.022%
316	12.827	12.800	12.865	VV	2089	50352	2.04%	0.063%
317	12.886	12.865	12.915	VV	3643	61085	2.47%	0.076%
318	12.938	12.915	12.956	VV	4448	68424	2.77%	0.086%
319	12.993	12.956	13.026	VV	184253	2252061	91.03%	2.820%
320	13.054	13.026	13.093	VV	62244	733159	29.63%	0.918%
321	13.109	13.093	13.135	VV	1482	24550	0.99%	0.031%
322	13.153	13.135	13.169	VV	688	11049	0.45%	0.014%
323	13.192	13.169	13.204	VV	1783	26567	1.07%	0.033%
324	13.214	13.204	13.227	VV	1687	20048	0.81%	0.025%
325	13.243	13.227	13.282	VV	2875	64568	2.61%	0.081%
326	13.291	13.282	13.325	VV	1176	21854	0.88%	0.027%
327	13.353	13.325	13.379	VV	54514	610438	24.67%	0.764%
328	13.409	13.379	13.425	VV	5466	78596	3.18%	0.098%
329	13.441	13.425	13.475	VV	5523	69430	2.81%	0.087%
330	13.494	13.475	13.508	VV	778	10965	0.44%	0.014%
331	13.527	13.508	13.536	VV	2129	25103	1.01%	0.031%
332	13.551	13.536	13.579	VV	2707	38251	1.55%	0.048%
333	13.620	13.579	13.642	PV	4158	72697	2.94%	0.091%
334	13.649	13.642	13.669	VV	1363	19847	0.80%	0.025%
335	13.690	13.669	13.713	VV	2506	48909	1.98%	0.061%
336	13.725	13.713	13.737	VV	1646	20866	0.84%	0.026%
337	13.751	13.737	13.770	VV	2268	33411	1.35%	0.042%
338	13.814	13.770	13.827	VV	4158	78669	3.18%	0.098%
339	13.838	13.827	13.890	VV	5560	102576	4.15%	0.128%
340	13.896	13.890	13.899	VV	855	4130	0.17%	0.005%
341	13.943	13.899	13.982	VV	6911	134384	5.43%	0.168%
342	14.012	13.982	14.027	VV	1144	21783	0.88%	0.027%
343	14.054	14.027	14.073	VV	3255	51152	2.07%	0.064%
344	14.091	14.073	14.111	VV	4403	54498	2.20%	0.068%
345	14.142	14.111	14.161	VV	1924	39362	1.59%	0.049%
346	14.195	14.161	14.242	VV	179965	2222173	89.82%	2.782%
347	14.263	14.242	14.300	VV	3637	52199	2.11%	0.065%
348	14.335	14.300	14.358	VV	1215	19969	0.81%	0.025%
349	14.373	14.358	14.382	VV	569	6475	0.26%	0.008%
350	14.401	14.382	14.419	VV	744	11402	0.46%	0.014%
351	14.433	14.419	14.460	VV	714	12454	0.50%	0.016%

Instrument :

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PIT#4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

						Instrument :	
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						ClientSampleId :	
						PIT#4MSD	
rteres							
352	14.476	14.460	14.495	VV	603	6904	0.28% 0.009%
353	14.501	14.495	14.515	PV	199	1225	
354	14.530	14.515	14.542	PV	362	3254	
355	14.557	14.542	14.566	VV	371	4034	
356	14.590	14.566	14.615	VV	1788	30312	
357	14.639	14.615	14.657	VV	1513	30089	
358	14.679	14.657	14.737	VV	5506	83774	3.39% 0.105%
359	14.760	14.737	14.782	VV	3471	50997	2.06% 0.064%
360	14.789	14.782	14.814	VV	1284	16631	0.67% 0.021%
361	14.860	14.814	14.897	VV	3987	94880	3.83% 0.119%
362	14.924	14.897	14.946	VV	7689	106831	4.32% 0.134%
363	14.981	14.946	15.013	VV	6099	104723	4.23% 0.131%
364	15.046	15.013	15.062	VV	1125	19472	0.79% 0.024%
365	15.097	15.062	15.137	VV	91919	1228007	49.63% 1.537%
366	15.154	15.137	15.167	VV	918	13341	0.54% 0.017%
367	15.188	15.167	15.208	VV	2478	32743	1.32% 0.041%
368	15.235	15.208	15.256	VV	28451	339995	13.74% 0.426%
369	15.302	15.256	15.338	VV	165109	2474076	100.00% 3.098%
370	15.347	15.338	15.359	VV	1259	12677	0.51% 0.016%
371	15.397	15.359	15.421	VV	5623	89455	3.62% 0.112%
372	15.441	15.421	15.450	VV	1388	20753	0.84% 0.026%
373	15.472	15.450	15.512	VV	2256	48727	1.97% 0.061%
374	15.538	15.512	15.562	PV	2402	40733	1.65% 0.051%
375	15.579	15.562	15.636	VV	2589	54472	2.20% 0.068%
376	15.687	15.636	15.752	VV	32375	563625	22.78% 0.706%
377	15.761	15.752	15.765	VV	400	2528	0.10% 0.003%
378	15.783	15.765	15.794	VV	374	5287	0.21% 0.007%
379	15.824	15.794	15.858	VV	4938	91325	3.69% 0.114%
380	15.910	15.858	15.932	VV	6737	136282	5.51% 0.171%
381	15.949	15.932	15.982	VV	2966	41562	1.68% 0.052%
382	15.995	15.982	16.015	VV	681	9505	0.38% 0.012%
383	16.024	16.015	16.029	VV	629	4362	0.18% 0.005%
384	16.056	16.029	16.060	VV	2320	27051	1.09% 0.034%
385	16.073	16.060	16.108	VV	2955	50308	2.03% 0.063%
386	16.127	16.108	16.132	VV	470	4251	0.17% 0.005%
387	16.152	16.132	16.177	VV	1665	22692	0.92% 0.028%
388	16.205	16.177	16.224	PV	2059	31376	1.27% 0.039%
389	16.234	16.224	16.252	VV	1483	19695	0.80% 0.025%
390	16.266	16.252	16.290	VV	1669	24174	0.98% 0.030%
391	16.326	16.290	16.365	VV	158787	2113178	85.41% 2.646%
392	16.370	16.365	16.373	VV	252	1171	0.05% 0.001%
393	16.388	16.373	16.412	VV	663	10191	0.41% 0.013%
394	16.424	16.412	16.430	VV	395	3705	0.15% 0.005%
395	16.441	16.430	16.461	VV	660	9069	0.37% 0.011%
396	16.466	16.461	16.480	VV	354	2525	0.10% 0.003%
397	16.521	16.480	16.545	PV	2277	43405	1.75% 0.054%
398	16.550	16.545	16.564	VV	771	5789	0.23% 0.007%
399	16.580	16.564	16.600	VV	1459	19247	0.78% 0.024%
400	16.626	16.600	16.650	VV	1463	28762	1.16% 0.036%
401	16.705	16.650	16.750	VV	7144	156018	6.31% 0.195%
402	16.800	16.750	16.819	VV	30290	474802	19.19% 0.594%
403	16.824	16.819	16.855	VV	12639	128364	5.19% 0.161%
404	16.887	16.855	16.905	PV	1528	25304	1.02% 0.032%

Instrument :

FID_F

ClientSampleId :

PIT#4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

405	16.930	16.905	16.951	VV	5790	73500	2.97%	0.092%
406	16.970	16.951	17.005	VV	1438	29587		
407	17.022	17.005	17.027	VV	759	7310		
408	17.049	17.027	17.062	VV	1100	14985		
409	17.120	17.062	17.144	VV	18620	284657	11.18%	0.352%
410	17.178	17.144	17.221	VV	23884	321860	13.04%	0.405%
411	17.279	17.221	17.312	PV	156069	2178067	88.04%	2.727%
412	17.329	17.312	17.346	VV	2615	41200	1.67%	0.052%
413	17.354	17.346	17.383	VV	1989	24524	0.99%	0.031%
414	17.422	17.383	17.462	VV	1649	40217	1.63%	0.050%
415	17.487	17.462	17.507	VV	818	10677	0.43%	0.013%
416	17.552	17.507	17.575	VV	2327	57371	2.32%	0.072%
417	17.580	17.575	17.588	VV	961	6930	0.28%	0.009%
418	17.595	17.588	17.605	VV	1094	7771	0.31%	0.010%
419	17.652	17.605	17.694	VV	6449	147812	5.97%	0.185%
420	17.730	17.694	17.750	VV	5685	111405	4.50%	0.139%
421	17.766	17.750	17.780	VV	1757	21886	0.88%	0.027%
422	17.809	17.780	17.822	VV	1568	29291	1.18%	0.037%
423	17.843	17.822	17.869	VV	2776	50501	2.04%	0.063%
424	17.906	17.869	17.921	VV	1286	24363	0.98%	0.031%
425	17.962	17.921	17.987	VV	954	20657	0.83%	0.026%
426	18.026	17.987	18.041	VV	641	10187	0.41%	0.013%
427	18.059	18.041	18.081	PV	1930	28699	1.16%	0.036%
428	18.126	18.081	18.131	VV	2618	51390	2.08%	0.064%
429	18.171	18.131	18.207	VV	149342	2102330	84.97%	2.632%
430	18.260	18.207	18.292	VV	3948	107148	4.33%	0.134%
431	18.321	18.292	18.337	VV	5569	92967	3.76%	0.116%
432	18.352	18.337	18.379	VV	3546	67784	2.74%	0.085%
433	18.399	18.379	18.430	VV	3478	67419	2.73%	0.084%
434	18.460	18.430	18.475	VV	5610	91412	3.69%	0.114%
435	18.491	18.475	18.508	VV	5325	81662	3.30%	0.102%
436	18.546	18.508	18.575	VV	27273	608849	24.61%	0.762%
437	18.594	18.575	18.624	VV	9702	170022	6.87%	0.213%
438	18.638	18.624	18.664	VV	3055	57152	2.31%	0.072%
439	18.687	18.664	18.705	VV	8140	136756	5.53%	0.171%
440	18.717	18.705	18.770	VV	6342	132206	5.34%	0.166%
441	18.807	18.770	18.855	VV	19115	303234	12.26%	0.380%
442	18.897	18.855	18.913	VV	3600	100435	4.06%	0.126%
443	18.939	18.913	18.960	VV	7226	128828	5.21%	0.161%
444	19.005	18.960	19.059	VV	132516	2101804	84.95%	2.631%
445	19.110	19.059	19.144	VV	7118	239231	9.67%	0.300%
446	19.165	19.144	19.184	VV	5000	104175	4.21%	0.130%
447	19.240	19.184	19.254	VV	5127	177196	7.16%	0.222%
448	19.288	19.254	19.308	VV	6282	174638	7.06%	0.219%
449	19.326	19.308	19.339	VV	7084	114902	4.64%	0.144%
450	19.367	19.339	19.396	VV	23411	508213	20.54%	0.636%
451	19.412	19.396	19.458	VV	10434	296404	11.98%	0.371%
452	19.515	19.458	19.529	VV	8685	323439	13.07%	0.405%
453	19.539	19.529	19.554	VV	7861	110804	4.48%	0.139%
454	19.600	19.554	19.628	VV	9476	353742	14.30%	0.443%
455	19.658	19.628	19.676	VV	9461	251477	10.16%	0.315%
456	19.700	19.676	19.737	VV	10537	339609	13.73%	0.425%

Instrument :

FID_F

ClientSampleId :

PIT#4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Area of Interest						Clients Sampled : 1000		PIT#4MSD	
457	19.792	19.737	19.835	VV	122156	2207733	89.23%	2.764%	
458	19.856	19.835	19.879	VV	12814	305819	12.34%	0.382%	
459	19.900	19.879	19.932	VV	14175	393671	15.78%	0.489%	
460	19.966	19.932	19.994	VV	19945	561106	22.28%	0.719%	
461	20.034	19.994	20.062	VV	18438	622784	25.02%	0.843%	
462	20.088	20.062	20.110	VV	16732	454712	18.68%	0.579%	
463	20.145	20.110	20.197	VV	23582	947134	38.28%	1.186%	
464	20.219	20.197	20.230	VV	15977	305327	12.34%	0.382%	
465	20.258	20.230	20.270	VV	16925	390290	15.78%	0.489%	
466	20.346	20.270	20.371	VV	27568	1243519	50.26%	1.557%	
467	20.416	20.371	20.429	VV	25690	800464	32.35%	1.002%	
468	20.436	20.429	20.459	VV	24461	414385	16.75%	0.519%	
469	20.482	20.459	20.494	VV	22592	462221	18.68%	0.579%	
470	20.535	20.494	20.567	VV	117710	2357593	95.29%	2.952%	
471	20.614	20.567	20.642	VV	25464	1106802	44.74%	1.386%	
472	20.695	20.642	20.745	VV	31502	1657646	67.00%	2.075%	
473	20.754	20.745	20.769	VV	25340	358941	14.51%	0.449%	
474	20.848	20.769	20.872	VV	27297	1617735	65.39%	2.025%	
475	20.892	20.872	20.938	VV	27518	1051809	42.51%	1.317%	
476	20.956	20.938	20.982	VV	26098	673070	27.20%	0.843%	
477	20.994	20.982	21.077	VV	24849	1340044	54.16%	1.678%	
478	21.098	21.077	21.105	VV	22375	377240	15.25%	0.472%	
479	21.160	21.105	21.244	VV	22394	1788293	72.28%	2.239%	
480	21.301	21.244	21.346	VV	89022	2455555	99.25%	3.074%	
481	21.365	21.346	21.422	VV	18730	804939	32.53%	1.008%	
482	21.436	21.422	21.462	VV	16217	382366	15.45%	0.479%	
483	21.484	21.462	21.530	VV	16558	645664	26.10%	0.808%	
484	21.537	21.530	21.547	VV	15262	153769	6.22%	0.193%	
485	21.555	21.547	21.566	VV	15057	168635	6.82%	0.211%	
486	21.576	21.566	21.587	VV	15113	185199	7.49%	0.232%	
487	21.599	21.587	21.644	VV	15121	489609	19.79%	0.613%	
488	21.650	21.644	21.685	VV	13246	310939	12.57%	0.389%	
489	21.697	21.685	21.711	VV	11838	177515	7.18%	0.222%	
490	21.772	21.711	21.800	VV	14048	669407	27.06%	0.838%	
491	21.809	21.800	21.845	VV	11561	293445	11.86%	0.367%	
492	21.860	21.845	21.896	VV	10306	293604	11.87%	0.368%	
493	21.904	21.896	21.914	VV	9171	93002	3.76%	0.116%	
494	21.939	21.914	21.969	VV	9067	287562	11.62%	0.360%	
495	21.979	21.969	21.986	VV	8818	92395	3.73%	0.116%	
496	21.995	21.986	22.047	VV	8872	270074	10.92%	0.338%	
497	22.082	22.047	22.115	VV	7267	254045	10.27%	0.318%	
498	22.128	22.115	22.136	VV	5211	61717	2.49%	0.077%	
499	22.172	22.136	22.197	VV	7112	209883	8.48%	0.263%	
500	22.263	22.197	22.367	VV	55244	1608514	65.01%	2.014%	
501	22.403	22.367	22.430	VV	1037	24066	0.97%	0.030%	
Sum of corrected areas:						79873270			

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2473-04MS		FF016140.D	FF071025	N-OCTACOSANE	mohammad	7/11/2025 9:10:05 AM	Peak Integrated by Software incorrectly
Q2473-04MSD		FF016141.D	FF071025	N-HEXATRIACONTANE	mohammad	7/11/2025 9:10:05 AM	Peak Integrated by Software incorrectly
Q2473-04MSD		FF016141.D	FF071025	N-OCTACOSANE	mohammad	7/11/2025 9:10:05 AM	Peak Integrated by Software incorrectly
Q2486-01		FF016142.D	FF071025	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 9:10:05 AM	Peak Integrated by Software incorrectly
.BLK		FF016144.D	FF071025	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 9:10:05 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
50 PPM TRPH STD		FG016281.D	FG071025	N-OCTACOSANE	 	 	Peak Integrated by Software incorrectly
50 PPM TRPH STD		FG016283.D	FG071025	N-OCTACOSANE	 	 	Peak Integrated by Software incorrectly

Manual Integration Report

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF071025

Review By	yogesh	Review On	7/10/2025 3:10:07 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:10:05 AM
SubDirectory	FF071025	HP Acquire Method	HP Processing Method FF071025
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016128.D	10 Jul 2025 08:46	YP\AJ	Ok
2	I.BLK	FF016129.D	10 Jul 2025 09:16	YP\AJ	Ok
3	100 TRPH STD	FF016130.D	10 Jul 2025 09:46	YP\AJ	Ok
4	50 TRPH STD	FF016131.D	10 Jul 2025 10:15	YP\AJ	Ok
5	20 TRPH STD	FF016132.D	10 Jul 2025 10:45	YP\AJ	Ok
6	10 TRPH STD	FF016133.D	10 Jul 2025 11:15	YP\AJ	Ok
7	5 TRPH STD	FF016134.D	10 Jul 2025 12:44	YP\AJ	Ok
8	FF071025ICV	FF016135.D	10 Jul 2025 13:13	YP\AJ	Ok
9	I.BLK	FF016136.D	10 Jul 2025 13:43	YP\AJ	Ok
10	50 PPM TRPH STD	FF016137.D	10 Jul 2025 15:12	YP\AJ	Ok
11	RT MARKER	FF016138.D	10 Jul 2025 15:42	YP\AJ	Ok
12	Q2473-04	FF016139.D	10 Jul 2025 16:12	YP\AJ	Ok
13	Q2473-04MS	FF016140.D	10 Jul 2025 16:42	YP\AJ	Ok,M
14	Q2473-04MSD	FF016141.D	10 Jul 2025 17:12	YP\AJ	Ok,M
15	Q2486-01	FF016142.D	10 Jul 2025 17:42	YP\AJ	Ok,M
16	Q2504-01	FF016143.D	10 Jul 2025 18:12	YP\AJ	Ok
17	I.BLK	FF016144.D	10 Jul 2025 18:41	YP\AJ	Ok,M
18	50 PPM TRPH STD	FF016145.D	10 Jul 2025 20:11	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG070925

Review By	yogesh	Review On	7/9/2025 12:27:07 PM
Supervise By	mohammad	Supervise On	7/11/2025 1:37:09 AM
SubDirectory	FG070925	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016262.D	09 Jul 2025 09:03	YP\AJ	Ok
2	I.BLK	FG016263.D	09 Jul 2025 09:32	YP\AJ	Ok
3	100 TRPH STD	FG016264.D	09 Jul 2025 10:02	YP\AJ	Ok
4	50 TRPH STD	FG016265.D	09 Jul 2025 11:05	YP\AJ	Ok
5	20 TRPH STD	FG016266.D	09 Jul 2025 11:34	YP\AJ	Ok
6	10 TRPH STD	FG016267.D	09 Jul 2025 12:04	YP\AJ	Ok
7	5 TRPH STD	FG016268.D	09 Jul 2025 12:34	YP\AJ	Ok
8	FG070925ICV	FG016269.D	09 Jul 2025 13:04	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG071025

Review By	yogesh	Review On	7/10/2025 3:09:15 PM
Supervise By		Supervise On	
SubDirectory	FG071025	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016270.D	10 Jul 2025 08:46	YP\AJ	Ok
2	I.BLK	FG016271.D	10 Jul 2025 10:45	YP\AJ	Ok
3	50 PPM TRPH STD	FG016272.D	10 Jul 2025 12:44	YP\AJ	Ok
4	RT MARKER	FG016273.D	10 Jul 2025 13:13	YP\AJ	Ok
5	PB168785BL	FG016274.D	10 Jul 2025 13:43	YP\AJ	Ok
6	PB168785BS	FG016275.D	10 Jul 2025 14:13	YP\AJ	Ok
7	Q2473-01	FG016276.D	10 Jul 2025 14:43	YP\AJ	Dilution
8	Q2473-01	FG016277.D	10 Jul 2025 15:42	YP\AJ	Ok
9	Q2473-02	FG016278.D	10 Jul 2025 16:12	YP\AJ	Dilution
10	Q2473-03	FG016279.D	10 Jul 2025 16:42	YP\AJ	Dilution
11	I.BLK	FG016280.D	10 Jul 2025 17:12	YP\AJ	Ok
12	50 PPM TRPH STD	FG016281.D	10 Jul 2025 18:41	YP\AJ	Ok,NS
13	I.BLK	FG016282.D	10 Jul 2025 19:11	YP\AJ	Ok
14	50 PPM TRPH STD	FG016283.D	10 Jul 2025 19:41	YP\AJ	Ok,NS
15	RT MARKER	FG016284.D	10 Jul 2025 20:41	YP\AJ	Ok
16	PB168751BS	FG016285.D	10 Jul 2025 21:11	YP\AJ	Ok
17	I.BLK	FG016286.D	10 Jul 2025 21:41	YP\AJ	Ok
18	50 PPM TRPH STD	FG016287.D	10 Jul 2025 22:10	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG071125

Review By	yogesh	Review On	7/11/2025 9:44:57 AM
Supervise By		Supervise On	
SubDirectory	FG071125	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016288.D	11 Jul 2025 07:41	YP\AJ	Ok
2	I.BLK	FG016289.D	11 Jul 2025 08:11	YP\AJ	Ok,NR
3	50 PPM TRPH STD	FG016290.D	11 Jul 2025 08:40	YP\AJ	Ok,NR
4	RT MARKER	FG016291.D	11 Jul 2025 09:10	YP\AJ	Ok
5	Q2473-02	FG016292.D	11 Jul 2025 09:39	YP\AJ	Ok
6	Q2473-03	FG016293.D	11 Jul 2025 10:09	YP\AJ	Ok,NR
7	I.BLK	FG016294.D	11 Jul 2025 10:39	YP\AJ	Ok
8	50 PPM TRPH STD	FG016295.D	11 Jul 2025 11:08	YP\AJ	Ok,NR

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF071025

Review By	yogesh	Review On	7/10/2025 3:10:07 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:10:05 AM
SubDirectory	FF071025	HP Acquire Method	HP Processing Method
			FF071025
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM			
ICV/I.BLK	PP24468,PP24473		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016128.D	10 Jul 2025 08:46		YPIAJ	Ok
2	I.BLK		FF016129.D	10 Jul 2025 09:16		YPIAJ	Ok
3	100 TRPH STD		FF016130.D	10 Jul 2025 09:46		YPIAJ	Ok
4	50 TRPH STD		FF016131.D	10 Jul 2025 10:15		YPIAJ	Ok
5	20 TRPH STD		FF016132.D	10 Jul 2025 10:45		YPIAJ	Ok
6	10 TRPH STD		FF016133.D	10 Jul 2025 11:15		YPIAJ	Ok
7	5 TRPH STD		FF016134.D	10 Jul 2025 12:44		YPIAJ	Ok
8	FF071025ICV		FF016135.D	10 Jul 2025 13:13		YPIAJ	Ok
9	I.BLK		FF016136.D	10 Jul 2025 13:43		YPIAJ	Ok
10	50 PPM TRPH STD		FF016137.D	10 Jul 2025 15:12		YPIAJ	Ok
11	RT MARKER		FF016138.D	10 Jul 2025 15:42		YPIAJ	Ok
12	Q2473-04		FF016139.D	10 Jul 2025 16:12		YPIAJ	Ok
13	Q2473-04MS		FF016140.D	10 Jul 2025 16:42		YPIAJ	Ok,M
14	Q2473-04MSD		FF016141.D	10 Jul 2025 17:12		YPIAJ	Ok,M
15	Q2486-01		FF016142.D	10 Jul 2025 17:42		YPIAJ	Ok,M
16	Q2504-01		FF016143.D	10 Jul 2025 18:12		YPIAJ	Ok
17	I.BLK		FF016144.D	10 Jul 2025 18:41		YPIAJ	Ok,M
18	50 PPM TRPH STD		FF016145.D	10 Jul 2025 20:11		YPIAJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF071025

Review By	yogesh	Review On	7/10/2025 3:10:07 PM	
Supervise By	mohammad	Supervise On	7/11/2025 9:10:05 AM	
SubDirectory	FF071025	HP Acquire Method	HP Processing Method	FF071025
STD. NAME	STD REF.#			
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472			
CCC Internal Standard/PEM	PP24469			
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473			

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG070925

Review By	yogesh	Review On	7/9/2025 12:27:07 PM
Supervise By	mohammad	Supervise On	7/11/2025 1:37:09 AM
SubDirectory	FG070925	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016262.D	09 Jul 2025 09:03		YP\AJ	Ok
2	I.BLK		FG016263.D	09 Jul 2025 09:32		YP\AJ	Ok
3	100 TRPH STD		FG016264.D	09 Jul 2025 10:02		YP\AJ	Ok
4	50 TRPH STD		FG016265.D	09 Jul 2025 11:05		YP\AJ	Ok
5	20 TRPH STD		FG016266.D	09 Jul 2025 11:34		YP\AJ	Ok
6	10 TRPH STD		FG016267.D	09 Jul 2025 12:04		YP\AJ	Ok
7	5 TRPH STD		FG016268.D	09 Jul 2025 12:34		YP\AJ	Ok
8	FG070925ICV		FG016269.D	09 Jul 2025 13:04		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG071025

Review By	yogesh	Review On	7/10/2025 3:09:15 PM
Supervise By		Supervise On	
SubDirectory	FG071025	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM			
ICV/I.BLK	PP24468,PP24473		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016270.D	10 Jul 2025 08:46		YPIAJ	Ok
2	I.BLK		FG016271.D	10 Jul 2025 10:45		YPIAJ	Ok
3	50 PPM TRPH STD		FG016272.D	10 Jul 2025 12:44		YPIAJ	Ok
4	RT MARKER		FG016273.D	10 Jul 2025 13:13		YPIAJ	Ok
5	PB168785BL		FG016274.D	10 Jul 2025 13:43		YPIAJ	Ok
6	PB168785BS		FG016275.D	10 Jul 2025 14:13		YPIAJ	Ok
7	Q2473-01		FG016276.D	10 Jul 2025 14:43	need 10x dilution	YPIAJ	Dilution
8	Q2473-01		FG016277.D	10 Jul 2025 15:42		YPIAJ	Ok
9	Q2473-02		FG016278.D	10 Jul 2025 16:12	need 10x dilution	YPIAJ	Dilution
10	Q2473-03		FG016279.D	10 Jul 2025 16:42	need 5x dilution	YPIAJ	Dilution
11	I.BLK		FG016280.D	10 Jul 2025 17:12		YPIAJ	Ok
12	50 PPM TRPH STD		FG016281.D	10 Jul 2025 18:41		YPIAJ	Ok,NS
13	I.BLK		FG016282.D	10 Jul 2025 19:11		YPIAJ	Ok
14	50 PPM TRPH STD		FG016283.D	10 Jul 2025 19:41		YPIAJ	Ok,NS
15	RT MARKER		FG016284.D	10 Jul 2025 20:41		YPIAJ	Ok
16	PB168751BS		FG016285.D	10 Jul 2025 21:11		YPIAJ	Ok
17	I.BLK		FG016286.D	10 Jul 2025 21:41		YPIAJ	Ok
18	50 PPM TRPH STD		FG016287.D	10 Jul 2025 22:10		YPIAJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG071025

Review By	yogesh	Review On	7/10/2025 3:09:15 PM
Supervise By		Supervise On	
SubDirectory	FG071025	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM	PP24469		
ICV/I.BLK Surrogate Standard	PP24468,PP24473		
MS/MSD Standard LCS Standard			

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG071125

Review By	yogesh	Review On	7/11/2025 9:44:57 AM
Supervise By		Supervise On	
SubDirectory	FG071125	HP Acquire Method	HP Processing Method FG070925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM			
ICV/I.BLK	PP24468,PP24473		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016288.D	11 Jul 2025 07:41		YP\AJ	Ok
2	I.BLK		FG016289.D	11 Jul 2025 08:11		YP\AJ	Ok,NR
3	50 PPM TRPH STD		FG016290.D	11 Jul 2025 08:40		YP\AJ	Ok,NR
4	RT MARKER		FG016291.D	11 Jul 2025 09:10		YP\AJ	Ok
5	Q2473-02		FG016292.D	11 Jul 2025 09:39		YP\AJ	Ok
6	Q2473-03		FG016293.D	11 Jul 2025 10:09		YP\AJ	Ok,NR
7	I.BLK		FG016294.D	11 Jul 2025 10:39		YP\AJ	Ok
8	50 PPM TRPH STD		FG016295.D	11 Jul 2025 11:08		YP\AJ	Ok,NR

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136342

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
Q2472-01	PN#1	1	1.00	1.00	2.00	2.00	100.0	CONCRETE SAMPLE , 100% SOLIDS
Q2473-01	PIT#1	2	1.14	10.18	11.32	10.3	90.0	
Q2473-02	PIT#2	3	1.18	10.50	11.68	10.64	90.1	
Q2473-03	PIT#3	4	1.19	10.64	11.83	10.6	88.4	
Q2473-04	PIT#4	5	1.18	10.77	11.95	10.95	90.7	
Q2475-01	SOIL-PILE	6	1.15	10.27	11.42	9.34	79.7	
Q2475-02	SOIL-PILE-E2	7	1.19	10.41	11.6	9.62	81.0	
Q2476-01	50731	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2478-01	WC-1	9	1.13	10.55	11.68	10.9	92.6	
Q2478-02	WC-1-EPH	10	1.19	10.69	11.88	11.02	92.0	
Q2478-03	WC-1-VOC	11	1.12	10.75	11.87	10.97	91.6	

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

WORKLIST(Hardcopy Internal Chain)

136342

WorkList Name : %1-070125 WorkList ID : 190476 Department : Wet-Chemistry Date : 07-01-2025 08:41:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2473-01	PIT#1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-02	PIT#2	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-03	PIT#3	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-04	PIT#4	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2472-01	PN#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/01/2025	Chemtech -SO
Q2475-01	SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/01/2025	Chemtech -SO
Q2475-02	SOIL-PILE-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/01/2025	Chemtech -SO
Q2476-01	50731	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	07/01/2025	Chemtech -SO
Q2478-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/30/2025	Chemtech -SO
Q2478-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/30/2025	Chemtech -SO
Q2478-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/30/2025	Chemtech -SO

Date/Time 07/01/25 15:17

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/01/25 17:25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	N/A	Extraction Start Date :	07/10/2025
Matrix :	Solid	Extraction Start Time :	09:00
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	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	☐ Continuous Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☒ Soxhlet
		Extraction End Date :	07/10/2025
		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	PP24583
Surrogate	1.0ML	20 PPM	PP24596
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Methylene Chloride	N/A	E3943
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# 2210673.

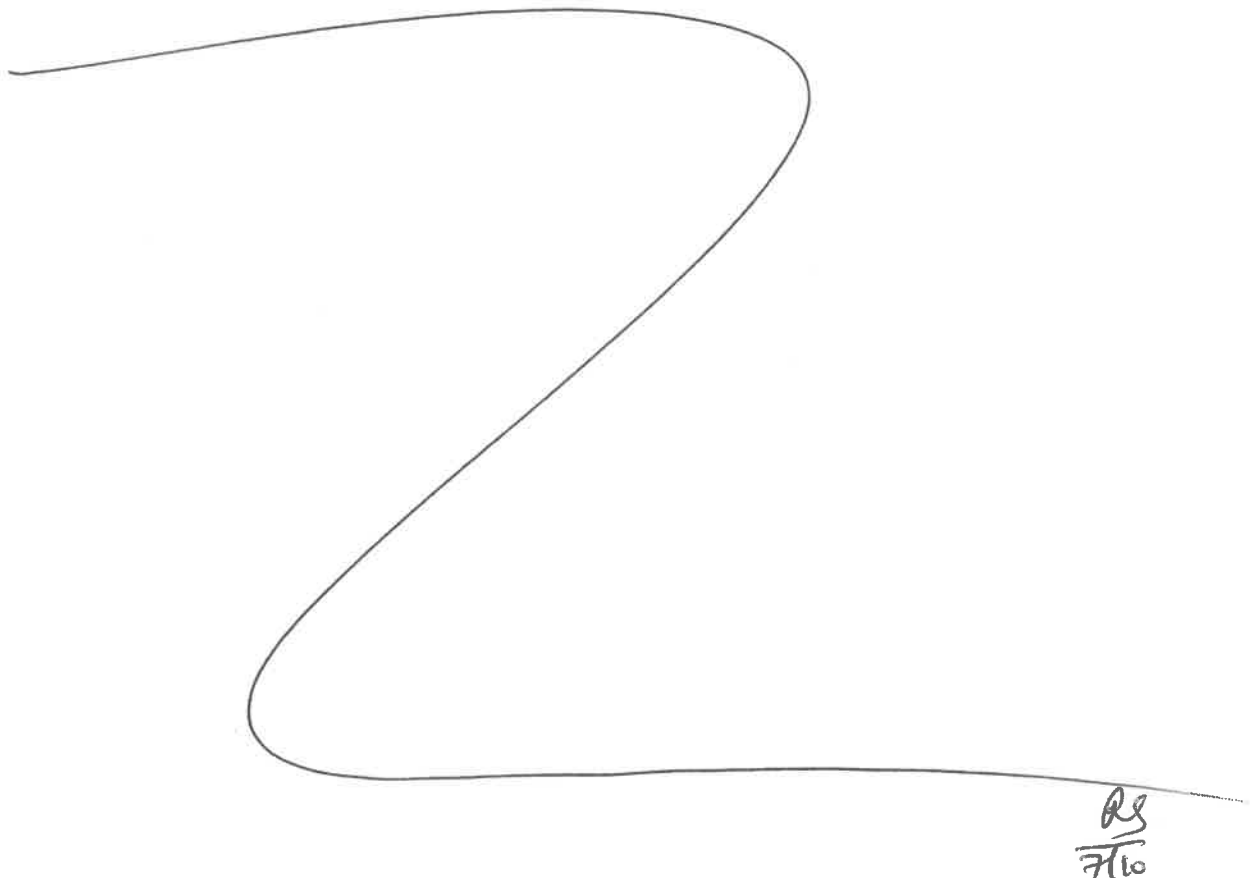
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/10/25	RS (Ext Lab)	Y-P-pest/PCB
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168785BL	PB168785BL	TPH GC	30.02	N/A	ritesh	Evelyn	1			U7-1
PB168785BS	PB168785BS	TPH GC	30.01	N/A	ritesh	Evelyn	1			2
Q2473-01	PIT#1	TPH GC	30.05	N/A	ritesh	Evelyn	1	E		3
Q2473-02	PIT#2	TPH GC	30.06	N/A	ritesh	Evelyn	1	E		4
Q2473-03	PIT#3	TPH GC	30.08	N/A	ritesh	Evelyn	1	E		5
Q2473-04	PIT#4	TPH GC	30.03	N/A	ritesh	Evelyn	1	E		6
Q2473-04MS	PIT#4MS	TPH GC	30.05	N/A	ritesh	Evelyn	1	E		U1-1
Q2473-04MS D	PIT#4MSD	TPH GC	30.02	N/A	ritesh	Evelyn	1	E		2
Q2486-01	WASTE	TPH GC	30.04	N/A	ritesh	Evelyn	1			3
Q2504-01	WASTE	TPH GC	30.07	N/A	ritesh	Evelyn	1			4



168785
9:00-9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2804 WorkList ID : 190632 Department : Extraction Date : 07-10-2025 08:48:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2473-01	PIT#1	Solid	TPH GC	Cool 4 deg C	JPCL01	--Sele	07/01/2025	8015D
Q2473-02	PIT#2	Solid	TPH GC	Cool 4 deg C	JPCL01	--Sele	07/01/2025	8015D
Q2473-03	PIT#3	Solid	TPH GC	Cool 4 deg C	JPCL01	--Sele	07/01/2025	8015D
Q2473-04	PIT#4	Solid	TPH GC	Cool 4 deg C	JPCL01	--Sele	07/01/2025	8015D
Q2486-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	A61	07/01/2025	8015D
Q2504-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	O12	07/02/2025	8015D

Date/Time 07/10/25 8:55
Raw Sample Received by: RJ GFFA-Lab
Raw Sample Relinquished by: CP

Date/Time 07/10/25 9:10
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ GFFA-Lab



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: JPCL Engineering LLC
ADDRESS: 2 Clerico Ln, Bldg #1
CITY Hillsborough STATE: NJ ZIP: 08844
ATTENTION: PAUL ROTONDI
PHONE: 609 203-3846 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: SOIL Sampling NOHO
PROJECT NO.: RET # SC64025 LOCATION: NY, NY
PROJECT MANAGER: P. Roton di
e-mail: PROtondi@JPCLEngineering.com
PHONE: 609 203-3846 FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME AS Client PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS
1 Cyanide/Hg/Vermes
2 Corr, Low Cyanide Sol.
3 TOLP
4 SVOC BWA 20
5 TPH
6 Herbicides
7 Pesticides
8 PCB
9 VOA

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	PIT #1	SOIL	X		7/1	8:00AM	13	/	/	/	/	/	/	/	/	/	
2.	PIT #2		X			8:30AM		/	/	/	/	/	/	/	/	/	
3.	PIT #3		X			8:40AM		/	/	/	/	/	/	/	/	/	
4.	PIT #4		X			8:50AM		/	/	/	/	/	/	/	/	/	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. Ali Yousef	DATE/TIME: 7/1 1140	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 32°C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments: NORMAL TAT
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	Page ____ of CLIENT: ☒ Hand Delivered ☐ Other
			Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2473 JPCL01
Client Name : JPCL Engineering
Client Contact : Paul Rotondi
Invoice Name : JPCL Engineering
Invoice Contact : Paul Rotondi

Order Date : 7/1/2025 12:14:15 PM
Project Name : NOHO RFI No. SC64025 N
Receive DateTime : 7/1/2025 11:40:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2473-01	PIT#1	Solid	07/01/2025	08:20	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-02	PIT#2	Solid	07/01/2025	08:30	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-03	PIT#3	Solid	07/01/2025	08:40	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-04	PIT#4	Solid	07/01/2025	08:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 7/1/25 14:05

Received By : 

Date / Time : 07/01/25 14:05 Ng H b
522

Storage Area : VOA Refridgerator Room