

Cover Page

Order ID : Q2487

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number

Client Sample Number

Q2487-01	G4(1.5)
Q2487-02	G4(10)
Q2487-03	G3(9)
Q2487-04	G3(3)
Q2487-05	G2(2.5)
Q2487-06	G2(9)
Q2487-07	G1(4.5)
Q2487-08	G1(10)
Q2487-09	G4(0-6)
Q2487-10	G4(6-12)
Q2487-11	G3(0-6)
Q2487-12	G3(6-12)
Q2487-13	G2(0-6)
Q2487-14	G2(6-12)
Q2487-15	G1(0-6)
Q2487-16	G1(6-12)
Q2487-17	G4(1.5)
Q2487-18	G4(10)
Q2487-19	G3(9)
Q2487-20	G3(3)
Q2487-21	G2(2.5)
Q2487-22	G2(9)
Q2487-23	G1(10)
Q2487-24	G1(4.5)

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

Signature : _____

Date: 7/14/2025

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 #: Q2487

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: 07/14/2025

LAB CHRONICLE

OrderID:	Q2487	OrderDate:	7/2/2025 10:05:00 AM
Client:	Walsh Construction Company II, LLC	Project:	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	Location:	A22,A53,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2487-09	G4(0-6)	SOIL			07/01/25			07/01/25
			Pesticide-TCL	8081B		07/03/25	07/03/25	
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			PCB	8082A		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
Q2487-10	G4(6-12)	SOIL			07/01/25			07/01/25
			PCB	8082A		07/03/25	07/04/25	
			Pesticide-TCL	8081B		07/03/25	07/03/25	
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
Q2487-11	G3(0-6)	SOIL			07/01/25			07/01/25
			PCB	8082A		07/03/25	07/04/25	
			Diesel Range Organics	8015D		07/08/25	07/09/25	
			Gasoline Range Organics	8015D			07/09/25	
			PCB	8082A		07/03/25	07/07/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-11DL	G3(0-6)DL	Solid			07/01/25			07/01/25
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-12	G3(6-12)	SOIL			07/01/25			07/01/25
			PCB	8082A		07/03/25	07/04/25	
			Diesel Range Organics	8015D		07/08/25	07/08/25	
			Gasoline Range Organics	8015D			07/09/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	

LAB CHRONICLE

			EPH_NF	NJEPH		07/03/25	07/07/25	
Q2487-13	G2(0-6)	SOIL			07/01/25			07/01/25
			PCB	8082A		07/03/25	07/04/25	
			Diesel Range Organics	8015D		07/08/25	07/09/25	
			Gasoline Range Organics	8015D			07/09/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/08/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
Q2487-14	G2(6-12)	SOIL			07/01/25			07/01/25
			PCB	8082A		07/03/25	07/04/25	
			Diesel Range Organics	8015D		07/08/25	07/09/25	
			Gasoline Range Organics	8015D			07/09/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-15	G1(0-6)	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/08/25	07/09/25	
			PCB	8082A		07/03/25	07/08/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-15DL	G1(0-6)DL	Solid			07/01/25			07/01/25
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-16	G1(6-12)	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/08/25	07/09/25	
			PCB	8082A		07/03/25	07/07/25	
			Pesticide-TCL	8081B		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/07/25	
			EPH_NF	NJEPH		07/03/25	07/08/25	
Q2487-16DL	G1(6-12)DL	Solid			07/01/25			07/01/25
			EPH_NF	NJEPH		07/03/25	07/08/25	



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Walsh Construction Company II, LLC

Lab Code: ACE

SDG No.: Q2487

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016105.D	74				0
PIBLK-FF016113.D	76				0
PIBLK-FF016116.D	100				0
PIBLK-FF016126.D	81				0
PIBLK-FG016244.D	90				0
PIBLK-FG016252.D	93				0
PIBLK-FG016282.D	92				0
PIBLK-FG016286.D	94				0
PB168751BL	79				0
PB168751BS	90				0
G4(0-6)	50				0
G4(6-12)	70				0
G4(6-12)MS	54				0
G4(6-12)MSD	54				0
G3(0-6)	50				0
G3(6-12)	43				0
G2(0-6)	78				0
G2(6-12)	54				0
G1(0-6)	64				0
G1(6-12)	53				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 DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Walsh Construction Company II, LLC

Lab Code: ACE

SDG No: Q2487

Client Sample ID : G4(6-12)MS

Datafile: FG016249.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	9177	14500	18070	38%	*	68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Walsh Construction Company II, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2487</u>
Client Sample ID :	<u>G4(6-12)MSD</u>	Datafile:	<u>FG016250.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	9164	14500	18533	44%	*	68-131

MS/MSD % Recovery RPD : 12.5

SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance

Client: Walsh Construction Company II, LLC

Lab Code: ACE

SDG No: Q2487

Client Sample ID : PB168751BS

Datafile: FG016285.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	5551	83	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB168751BL

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab File ID: FG016247.D

Lab Sample ID: PB168751BL

Instrument ID: FG

Date Extracted: 07/08/2025

Matrix: (soil/water) Soil

Date Analyzed: 07/08/25

Level: (low/med) low

Time Analyzed: 15:24

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
G4 (0-6)	Q2487-09	FF016112.D	07/08/25
G3 (0-6)	Q2487-11	FF016119.D	07/09/25
G2 (0-6)	Q2487-13	FF016120.D	07/09/25
G2 (6-12)	Q2487-14	FF016121.D	07/09/25
G1 (0-6)	Q2487-15	FF016122.D	07/09/25
G1 (6-12)	Q2487-16	FF016123.D	07/09/25
G4 (6-12)	Q2487-10	FG016248.D	07/08/25
G4 (6-12)MS	Q2487-10MS	FG016249.D	07/08/25
G4 (6-12)MSD	Q2487-10MSD	FG016250.D	07/08/25
G3 (6-12)	Q2487-12	FG016251.D	07/08/25
PB168751BS	PB168751BS	FG016285.D	07/10/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	87.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016112.D	5	07/08/25 08:35	07/08/25 20:23	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	48000		969	9550	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.99		37 - 130	50%	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\FF070825\
Data File : FF016112.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2487-09 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G4(0-6)

Integration File: autoint1.e
Quant Time: Jul 09 02:40:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.108	239969	1.987 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

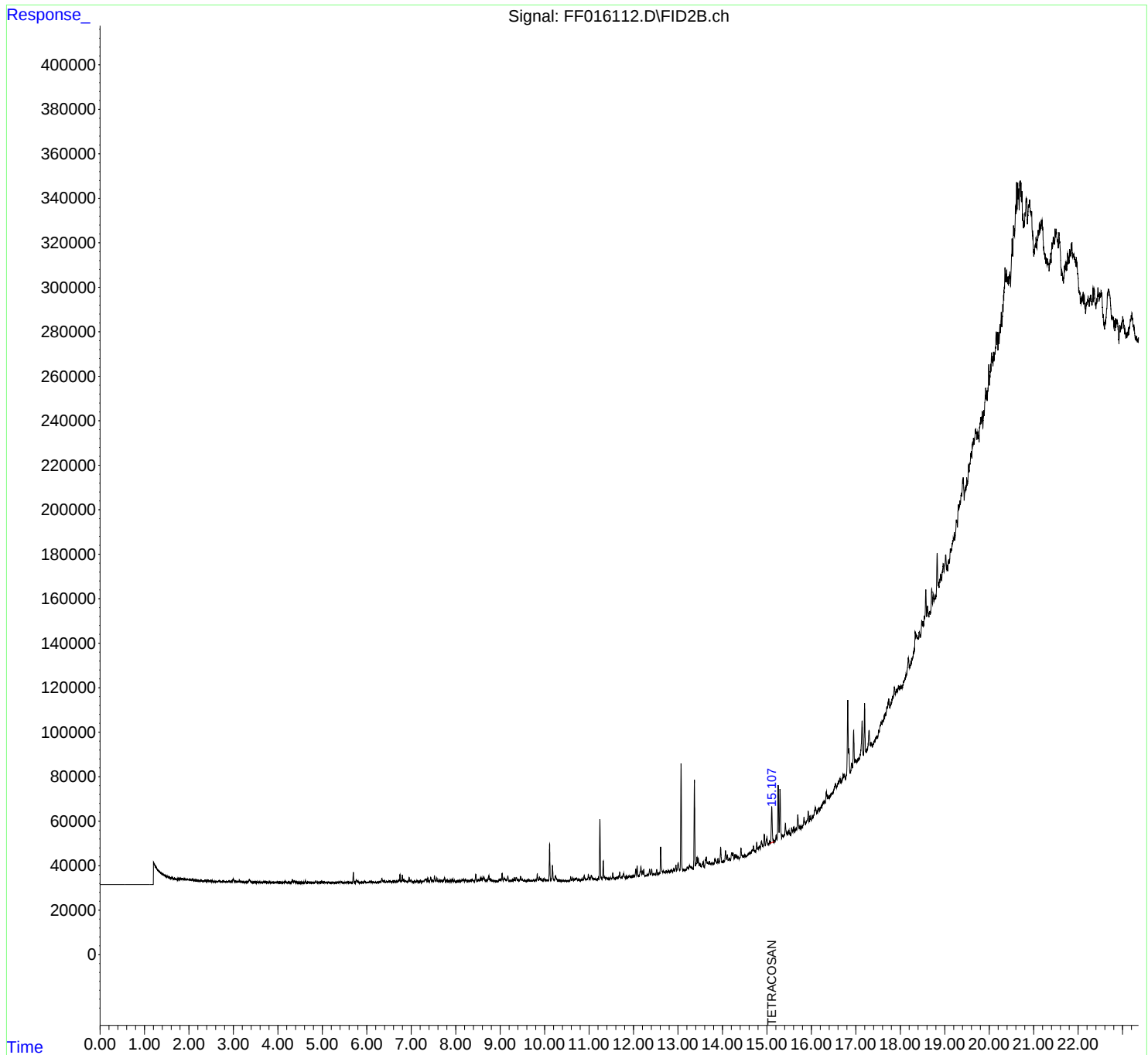
(m)=manual int.

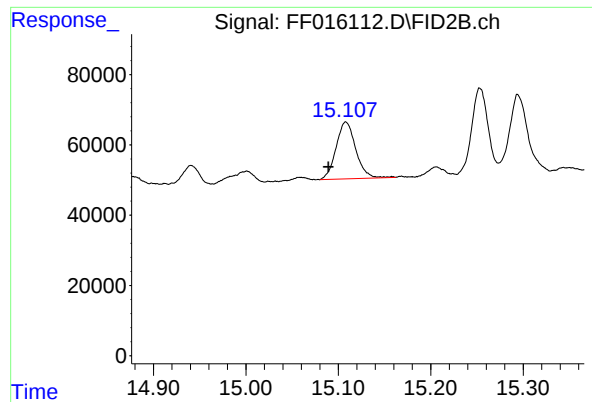
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016112.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2487-09 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G4(0-6)

Integration File: autoint1.e
Quant Time: Jul 09 02:40:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.108 min
Delta R.T.: 0.019 min
Response: 239969
Conc: 1.99 ug/ml

Instrument :
FID_F
ClientSampleId :
G4(0-6)

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016112.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:23
Sample : Q2487-09 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.778	3.773	3.782	HH	953	4537	0.29%	0.013%
2	3.806	3.782	3.846	HH	1171	38479	2.45%	0.113%
3	3.853	3.846	3.860	HH	960	7692	0.49%	0.023%
4	3.879	3.860	3.887	HH	931	14528	0.92%	0.043%
5	3.892	3.887	3.916	HH	954	15955	1.02%	0.047%
6	3.922	3.916	3.927	HH	921	5947	0.38%	0.017%
7	3.948	3.927	3.971	HH	1108	26022	1.66%	0.076%
8	3.976	3.971	3.992	HH	975	11881	0.76%	0.035%
9	3.996	3.992	4.003	HH	969	6658	0.42%	0.020%
10	4.008	4.003	4.021	HH	955	9226	0.59%	0.027%
11	4.028	4.021	4.035	HH	852	7302	0.46%	0.021%
12	4.046	4.035	4.094	HH	986	32720	2.08%	0.096%
13	4.095	4.094	4.104	HH	957	5190	0.33%	0.015%
14	4.108	4.104	4.113	HH	868	4532	0.29%	0.013%
15	4.119	4.113	4.125	HH	897	5942	0.38%	0.017%
16	4.135	4.125	4.141	HH	887	8156	0.52%	0.024%
17	4.164	4.141	4.182	HH	1379	28170	1.79%	0.083%
18	4.189	4.182	4.206	HH	1061	13634	0.87%	0.040%
19	4.210	4.206	4.213	HH	907	4051	0.26%	0.012%
20	4.234	4.213	4.256	HH	1067	25353	1.61%	0.074%
21	4.266	4.256	4.290	HH	1100	20063	1.28%	0.059%
22	4.296	4.290	4.301	HH	890	5262	0.33%	0.015%
23	4.326	4.301	4.352	HH	1872	44021	2.80%	0.129%
24	4.364	4.352	4.408	HH	1593	41155	2.62%	0.121%
25	4.413	4.408	4.433	HH	960	13261	0.84%	0.039%
26	4.442	4.433	4.481	HH	945	24935	1.59%	0.073%
27	4.485	4.481	4.490	HH	810	4155	0.26%	0.012%
28	4.528	4.490	4.551	HH	968	31495	2.00%	0.092%
29	4.559	4.551	4.564	HH	886	6506	0.41%	0.019%
30	4.575	4.564	4.582	HH	954	9885	0.63%	0.029%
31	4.586	4.582	4.599	HH	836	7875	0.50%	0.023%
32	4.619	4.599	4.646	HH	1635	32210	2.05%	0.094%
33	4.659	4.646	4.670	HH	935	12593	0.80%	0.037%
34	4.693	4.670	4.724	HH	989	27154	1.73%	0.080%
35	4.738	4.724	4.743	HH	879	9868	0.63%	0.029%
36	4.747	4.743	4.767	HH	919	11459	0.73%	0.034%

rteres								
37	4.787	4.767	4.824	HH	1065	30504	1.94%	0.089%
38	4.853	4.824	4.895	HH	1550	45543	2.90%	0.134%
39	4.905	4.895	4.922	HH	1058	15325	0.98%	0.045%
40	4.937	4.922	4.947	HH	960	13304	0.85%	0.039%
41	4.950	4.947	4.954	HH	885	3374	0.21%	0.010%
42	4.986	4.954	5.004	HH	1085	29373	1.87%	0.086%
43	5.014	5.004	5.018	HH	948	8137	0.52%	0.024%
44	5.023	5.018	5.026	HH	959	4382	0.28%	0.013%
45	5.038	5.026	5.054	HH	1031	15799	1.01%	0.046%
46	5.082	5.054	5.107	HH	1073	29963	1.91%	0.088%
47	5.137	5.107	5.165	HH	1097	32116	2.04%	0.094%
48	5.170	5.165	5.186	HH	882	10348	0.66%	0.030%
49	5.206	5.186	5.222	HH	951	18282	1.16%	0.054%
50	5.247	5.222	5.287	HH	912	31846	2.03%	0.093%
51	5.300	5.287	5.320	HH	999	17823	1.13%	0.052%
52	5.331	5.320	5.360	HH	1079	22512	1.43%	0.066%
53	5.377	5.360	5.395	HH	1209	21469	1.37%	0.063%
54	5.415	5.395	5.436	HH	1225	25906	1.65%	0.076%
55	5.444	5.436	5.482	HH	1208	25700	1.64%	0.075%
56	5.511	5.482	5.537	HH	1033	27986	1.78%	0.082%
57	5.542	5.537	5.550	HH	953	7337	0.47%	0.022%
58	5.568	5.550	5.589	HH	1351	24001	1.53%	0.070%
59	5.605	5.589	5.627	HH	954	20758	1.32%	0.061%
60	5.642	5.627	5.657	HH	1052	16141	1.03%	0.047%
61	5.698	5.657	5.733	HH	5575	87179	5.55%	0.256%
62	5.764	5.733	5.848	HH	2330	84786	5.40%	0.249%
63	5.854	5.848	5.875	HH	1016	14751	0.94%	0.043%
64	5.882	5.875	5.894	HH	909	9791	0.62%	0.029%
65	5.899	5.894	5.906	HH	866	5926	0.38%	0.017%
66	5.916	5.906	5.921	HH	909	7407	0.47%	0.022%
67	5.924	5.921	5.930	HH	864	4646	0.30%	0.014%
68	5.951	5.930	5.987	HH	1597	40072	2.55%	0.117%
69	6.032	5.987	6.045	HH	1182	34674	2.21%	0.102%
70	6.075	6.045	6.092	HH	1483	35615	2.27%	0.104%
71	6.097	6.092	6.119	HH	1176	17233	1.10%	0.051%
72	6.132	6.119	6.142	HH	1065	14268	0.91%	0.042%
73	6.155	6.142	6.167	HH	1128	15025	0.96%	0.044%
74	6.177	6.167	6.187	HH	1064	11655	0.74%	0.034%
75	6.199	6.187	6.225	HH	1119	22591	1.44%	0.066%
76	6.243	6.225	6.267	HH	1210	26317	1.67%	0.077%
77	6.299	6.267	6.316	HH	1531	36213	2.30%	0.106%
78	6.339	6.316	6.380	HH	2835	64753	4.12%	0.190%
79	6.396	6.380	6.419	HH	1571	30233	1.92%	0.089%
80	6.442	6.419	6.464	HH	1688	33782	2.15%	0.099%
81	6.486	6.464	6.495	HH	1352	22878	1.46%	0.067%
82	6.509	6.495	6.524	HH	1662	25254	1.61%	0.074%
83	6.529	6.524	6.558	HH	1514	25675	1.63%	0.075%
84	6.568	6.558	6.574	HH	1247	11075	0.70%	0.032%
85	6.595	6.574	6.615	HH	1385	31437	2.00%	0.092%
86	6.633	6.615	6.652	HH	1655	31705	2.02%	0.093%
87	6.672	6.652	6.694	HH	1608	34474	2.19%	0.101%
88	6.717	6.694	6.728	HH	1865	32462	2.07%	0.095%
89	6.746	6.728	6.775	HH	4580	70972	4.52%	0.208%

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90	6.799	6.775	6.818	HH	4260	63805	4.06%	0.187%
91	6.833	6.818	6.854	HH	2629	40378	2.57%	0.118%
92	6.872	6.854	6.904	HH	1751	44169	2.81%	0.130%
93	6.927	6.904	6.934	HH	1441	24811	1.58%	0.073%
94	6.952	6.934	6.973	HH	3246	49957	3.18%	0.146%
95	6.991	6.973	7.015	HH	2224	42240	2.69%	0.124%
96	7.025	7.015	7.040	HH	1473	19693	1.25%	0.058%
97	7.085	7.040	7.101	HH	1590	48391	3.08%	0.142%
98	7.130	7.101	7.160	HH	1763	51728	3.29%	0.152%
99	7.168	7.160	7.182	HH	1412	17277	1.10%	0.051%
100	7.208	7.182	7.237	HH	1714	46914	2.99%	0.138%
101	7.273	7.237	7.290	HH	1620	45013	2.86%	0.132%
102	7.312	7.290	7.322	HH	2434	38737	2.47%	0.114%
103	7.331	7.322	7.353	HH	2330	37572	2.39%	0.110%
104	7.373	7.353	7.404	HH	3159	61373	3.91%	0.180%
105	7.438	7.404	7.457	HH	3322	68223	4.34%	0.200%
106	7.479	7.457	7.501	HH	2041	44025	2.80%	0.129%
107	7.523	7.501	7.558	HH	3915	78822	5.02%	0.231%
108	7.577	7.558	7.604	HH	3060	54269	3.45%	0.159%
109	7.624	7.604	7.642	HH	2002	38806	2.47%	0.114%
110	7.672	7.642	7.687	HH	2054	44694	2.84%	0.131%
111	7.701	7.687	7.719	HH	1691	30797	1.96%	0.090%
112	7.748	7.719	7.775	HH	3217	70647	4.50%	0.207%
113	7.811	7.775	7.830	HH	1954	53142	3.38%	0.156%
114	7.843	7.830	7.854	HH	1660	21802	1.39%	0.064%
115	7.878	7.854	7.897	HH	1796	41855	2.66%	0.123%
116	7.903	7.897	7.905	HH	1647	7460	0.47%	0.022%
117	7.928	7.905	7.950	HH	2460	52314	3.33%	0.153%
118	7.967	7.950	7.994	HH	1914	40930	2.60%	0.120%
119	8.013	7.994	8.020	HH	1435	19686	1.25%	0.058%
120	8.042	8.020	8.060	HH	1565	34518	2.20%	0.101%
121	8.066	8.060	8.074	HH	1495	12307	0.78%	0.036%
122	8.091	8.074	8.108	HH	1879	33765	2.15%	0.099%
123	8.142	8.108	8.164	HH	2577	60724	3.86%	0.178%
124	8.179	8.164	8.199	HH	2269	41124	2.62%	0.121%
125	8.211	8.199	8.226	HH	2098	30794	1.96%	0.090%
126	8.233	8.226	8.260	HH	2012	35392	2.25%	0.104%
127	8.278	8.260	8.299	HH	2036	38275	2.44%	0.112%
128	8.337	8.299	8.352	HH	1975	55147	3.51%	0.162%
129	8.378	8.352	8.406	HH	2102	59280	3.77%	0.174%
130	8.413	8.406	8.419	HH	1524	11570	0.74%	0.034%
131	8.452	8.419	8.493	HH	4705	107317	6.83%	0.315%
132	8.509	8.493	8.529	HH	1997	40597	2.58%	0.119%
133	8.560	8.529	8.574	HH	3051	63290	4.03%	0.186%
134	8.587	8.574	8.601	HH	2948	40906	2.60%	0.120%
135	8.631	8.601	8.664	HH	3717	100135	6.37%	0.294%
136	8.673	8.664	8.699	HH	2240	42532	2.71%	0.125%
137	8.746	8.699	8.787	HH	4089	131012	8.34%	0.384%
138	8.800	8.787	8.821	HH	2143	39145	2.49%	0.115%
139	8.837	8.821	8.874	HH	1833	52177	3.32%	0.153%
140	8.878	8.874	8.900	HH	1513	23405	1.49%	0.069%
141	8.923	8.900	8.945	HH	1580	38774	2.47%	0.114%

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142	8.978	8.945	9.003	HH	2137	63191	4.02%	0.185%
143	9.015	9.003	9.023	HH	2039	23815	1.52%	0.070%
144	9.044	9.023	9.069	HH	5095	83721	5.33%	0.245%
145	9.092	9.069	9.147	HH	2843	107164	6.82%	0.314%
146	9.173	9.147	9.200	HH	3790	80154	5.10%	0.235%
147	9.210	9.200	9.217	HH	1772	17493	1.11%	0.051%
148	9.220	9.217	9.240	HH	1737	22325	1.42%	0.065%
149	9.259	9.240	9.268	HH	1832	29214	1.86%	0.086%
150	9.285	9.268	9.303	HH	2311	43003	2.74%	0.126%
151	9.319	9.303	9.336	HH	3237	49290	3.14%	0.145%
152	9.361	9.336	9.400	HH	3249	91608	5.83%	0.269%
153	9.412	9.400	9.425	HH	2046	28715	1.83%	0.084%
154	9.459	9.425	9.482	HH	3659	83491	5.31%	0.245%
155	9.496	9.482	9.528	HH	2414	54737	3.48%	0.160%
156	9.548	9.528	9.577	HH	1862	49709	3.16%	0.146%
157	9.579	9.577	9.582	HH	1560	4152	0.26%	0.012%
158	9.613	9.582	9.632	HH	2145	54211	3.45%	0.159%
159	9.647	9.632	9.679	HH	2294	50225	3.20%	0.147%
160	9.697	9.679	9.713	HH	1837	34729	2.21%	0.102%
161	9.751	9.713	9.772	HH	2160	63603	4.05%	0.186%
162	9.794	9.772	9.812	HH	2207	45552	2.90%	0.134%
163	9.835	9.812	9.868	HH	4833	94245	6.00%	0.276%
164	9.884	9.868	9.900	HH	3429	51856	3.30%	0.152%
165	9.916	9.900	9.950	HH	2629	65358	4.16%	0.192%
166	9.988	9.950	10.008	HH	2690	76590	4.87%	0.225%
167	10.017	10.008	10.040	HH	2162	38540	2.45%	0.113%
168	10.045	10.040	10.064	HH	2015	27582	1.76%	0.081%
169	10.069	10.064	10.085	HH	1850	23309	1.48%	0.068%
170	10.112	10.085	10.140	HH	18318	224434	14.28%	0.658%
171	10.178	10.140	10.219	HH	8590	169365	10.78%	0.497%
172	10.243	10.219	10.308	HH	3835	134996	8.59%	0.396%
173	10.319	10.308	10.342	HH	1923	36915	2.35%	0.108%
174	10.353	10.342	10.393	HH	1950	52669	3.35%	0.154%
175	10.400	10.393	10.405	HH	1711	12221	0.78%	0.036%
176	10.422	10.405	10.442	HH	1821	37623	2.39%	0.110%
177	10.448	10.442	10.462	HH	1714	20312	1.29%	0.060%
178	10.526	10.503	10.537	HH	1793	33708	2.15%	0.099%
179	10.554	10.537	10.560	HH	1741	22852	1.45%	0.067%
180	10.587	10.560	10.610	HH	3470	71034	4.52%	0.208%
181	10.687	10.655	10.704	HH	2680	66820	4.25%	0.196%
182	10.722	10.704	10.744	HH	3067	60275	3.84%	0.177%
183	10.763	10.744	10.807	HH	2477	81154	5.16%	0.238%
184	10.939	10.928	10.952	HH	2448	33946	2.16%	0.100%
185	10.984	10.952	11.023	HH	4383	125889	8.01%	0.369%
186	11.142	11.127	11.158	HH	2475	44315	2.82%	0.130%
187	11.175	11.158	11.180	HH	2396	31193	1.99%	0.091%
188	11.188	11.180	11.193	HH	2391	18302	1.16%	0.054%
189	11.210	11.193	11.220	HH	2928	43534	2.77%	0.128%
190	11.243	11.220	11.290	HH	29295	388511	24.73%	1.139%
191	11.318	11.290	11.339	HH	10699	161485	10.28%	0.473%
192	11.346	11.339	11.363	HH	3392	46128	2.94%	0.135%
193	11.441	11.428	11.455	HH	2728	43281	2.75%	0.127%
194	11.459	11.455	11.471	HH	2712	23546	1.50%	0.069%

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195	11.490	11.471	11.512	HH	3181	70771	4.50%	0.208%
196	11.532	11.512	11.576	HH	5242	131805	8.39%	0.386%
197	11.736	11.713	11.746	HH	3413	63469	4.04%	0.186%
198	11.777	11.746	11.824	HH	4989	177272	11.28%	0.520%
199	11.844	11.824	11.865	HH	3595	83009	5.28%	0.243%
200	11.897	11.865	11.914	HH	3852	101225	6.44%	0.297%
201	11.937	11.914	11.969	HH	3691	117199	7.46%	0.344%
202	12.049	12.017	12.064	HH	6977	140708	8.96%	0.413%
203	12.081	12.064	12.130	HH	8432	201982	12.85%	0.592%
204	12.166	12.130	12.184	HH	8150	190465	12.12%	0.558%
205	12.230	12.213	12.255	HH	6849	130974	8.34%	0.384%
206	12.272	12.255	12.282	HH	3939	61913	3.94%	0.182%
207	12.307	12.282	12.324	HH	4560	108730	6.92%	0.319%
208	12.407	12.363	12.421	M	2738	45438	2.89%	0.133%
209	12.454	12.431	12.499	HH	4877	187330	11.92%	0.549%
210	12.521	12.499	12.547	HH	6808	158250	10.07%	0.464%
211	12.557	12.547	12.567	HH	5064	58242	3.71%	0.171%
212	12.674	12.656	12.687	HH	5999	108440	6.90%	0.318%
213	12.699	12.687	12.712	HH	5710	82283	5.24%	0.241%
214	12.776	12.759	12.789	HH	6133	106628	6.79%	0.313%
215	12.795	12.789	12.810	HH	5894	74175	4.72%	0.217%
216	12.903	12.880	12.923	HH	7311	166064	10.57%	0.487%
217	13.070	13.042	13.110	HH	54122	789055	50.22%	2.314%
218	13.130	13.110	13.154	HH	6914	171620	10.92%	0.503%
219	13.169	13.154	13.187	HH	6719	129582	8.25%	0.380%
220	13.205	13.187	13.240	HH	7895	237758	15.13%	0.697%
221	13.258	13.240	13.272	HH	8568	152778	9.72%	0.448%
222	13.308	13.299	13.344	HH	7611	198496	12.63%	0.582%
223	13.428	13.395	13.443	HH	12378	296471	18.87%	0.869%
224	13.456	13.443	13.477	HH	11786	205921	13.11%	0.604%
225	13.491	13.477	13.523	HH	9592	243943	15.53%	0.715%
226	13.543	13.523	13.550	HH	9319	138053	8.79%	0.405%
227	13.636	13.594	13.657	HH	12374	394259	25.09%	1.156%
228	13.744	13.732	13.753	HH	9455	122142	7.77%	0.358%
229	13.766	13.753	13.781	HH	10070	159301	10.14%	0.467%
230	13.900	13.879	13.920	HH	11740	265243	16.88%	0.778%
231	14.069	14.042	14.093	HH	15287	390412	24.85%	1.145%
232	14.109	14.093	14.137	HH	13315	308533	19.64%	0.905%
233	14.151	14.137	14.175	HH	11676	255815	16.28%	0.750%
234	14.207	14.175	14.225	HH	14475	390455	24.85%	1.145%
235	14.239	14.225	14.261	HH	14142	281493	17.91%	0.825%
236	14.280	14.261	14.294	HH	13511	246670	15.70%	0.723%
237	14.306	14.294	14.340	HH	12978	351878	22.39%	1.032%
238	14.493	14.476	14.506	HH	13114	237797	15.13%	0.697%
239	14.515	14.506	14.539	HH	12843	247315	15.74%	0.725%
240	14.548	14.539	14.552	HH	12896	98863	6.29%	0.290%
241	14.598	14.552	14.614	HH	14099	505746	32.19%	1.483%
242	14.770	14.743	14.791	HH	18881	486429	30.96%	1.426%
243	14.804	14.791	14.812	HH	16569	202307	12.88%	0.593%
244	14.912	14.908	14.916	HH	17548	90879	5.78%	0.266%
245	14.941	14.916	14.965	HH	22660	573965	36.53%	1.683%
246	15.059	15.035	15.076	HH	19276	457715	29.13%	1.342%

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247	15.108	15.076	15.152	HH	35045	1099377	69.97%	3.223%
248	15.168	15.152	15.176	HH	19629	275934	17.56%	0.809%
249	15.206	15.176	15.229	HH	22248	655605	41.72%	1.922%
250	15.253	15.229	15.274	HH	44544	843352	53.67%	2.473%
251	15.294	15.274	15.330	HH	42936	1004412	63.92%	2.945%
252	15.344	15.330	15.368	HH	22099	499543	31.79%	1.465%
253	15.416	15.368	15.444	HH	27349	1073890	68.35%	3.149%
254	15.449	15.444	15.454	HH	23182	136361	8.68%	0.400%
255	15.460	15.454	15.473	HH	23095	264981	16.86%	0.777%
256	15.495	15.473	15.529	HH	24565	780843	49.69%	2.289%
257	15.555	15.529	15.573	HH	25642	629977	40.09%	1.847%
258	15.607	15.573	15.627	HH	25180	806517	51.33%	2.365%
259	15.641	15.627	15.646	HH	24649	267771	17.04%	0.785%
260	15.664	15.646	15.670	HH	25173	370090	23.55%	1.085%
261	15.834	15.765	15.862	HH	30248	1571275	100.00%	4.607%
262	15.970	15.949	15.996	HH	30953	834841	53.13%	2.448%
263	16.017	15.996	16.036	HH	30922	722789	46.00%	2.119%
264	16.169	16.120	16.187	HH	34591	1326321	84.41%	3.889%
265	16.259	16.234	16.264	HH	36620	642203	40.87%	1.883%
266	16.339	16.309	16.364	HH	41848	1310180	83.38%	3.841%
						Sum of corrected areas:	34105974	

FF061325.M Wed Jul 09 03:10:08 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	72.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016248.D	1	07/08/25 08:35	07/08/25 16:24	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	14500		232	2290	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	14.0		37 - 130	70%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016248.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:24
Operator : YP\AJ
Sample : Q2487-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G4(6-12)

Integration File: Sample.e
Quant Time: Jul 09 03:14:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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	1637394	13.959 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

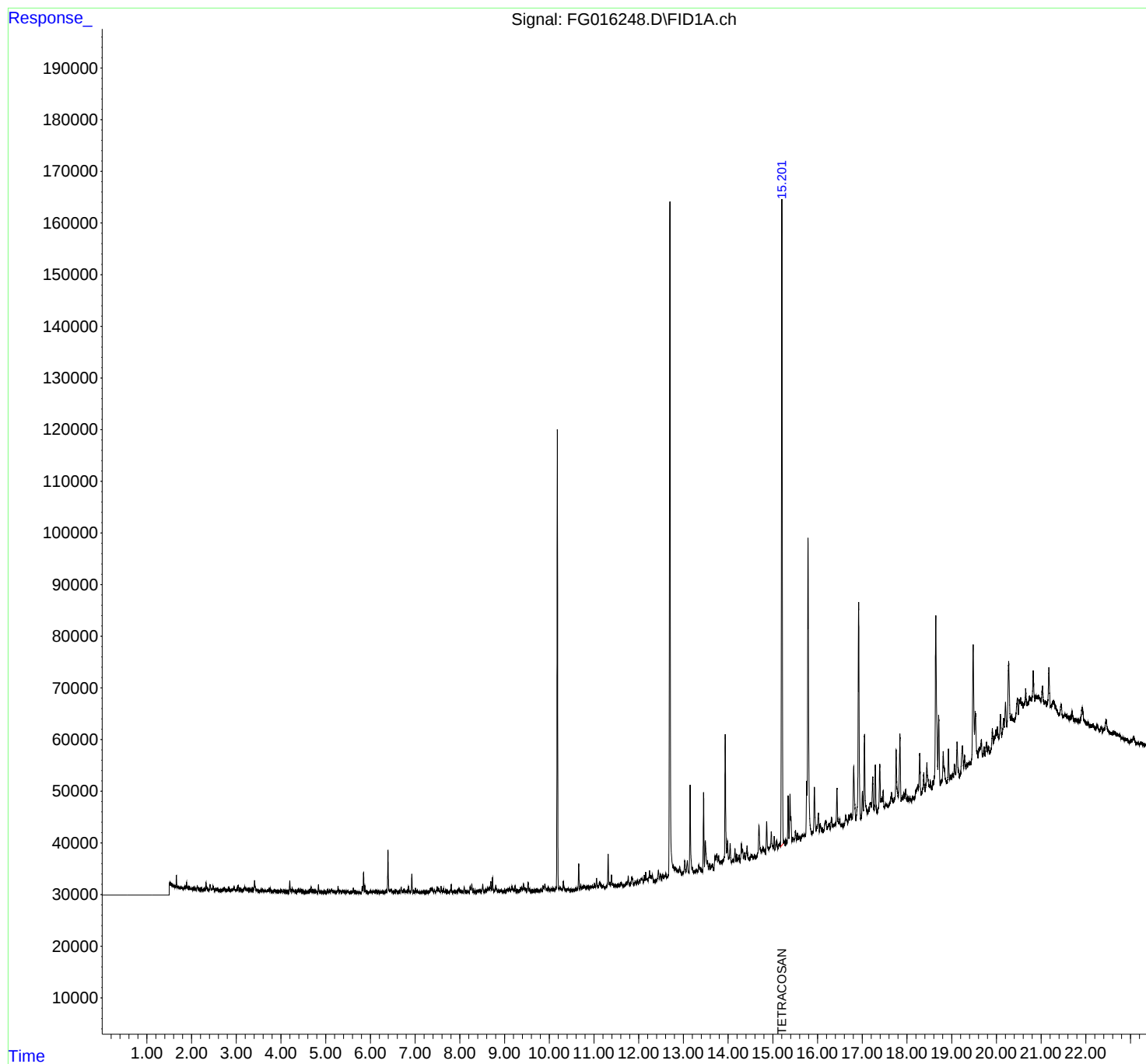
(m)=manual int.

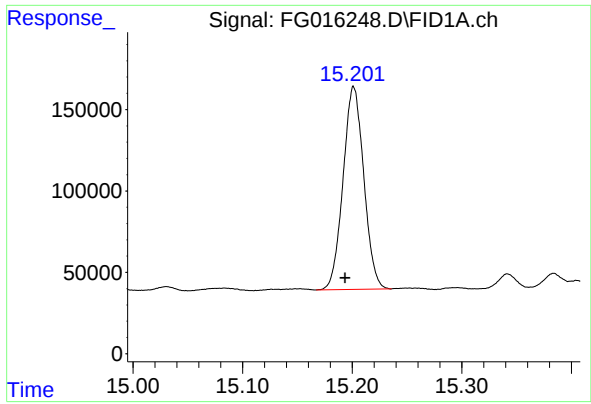
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016248.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:24
Operator : YP\AJ
Sample : Q2487-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G4(6-12)

Integration File: Sample.e
Quant Time: Jul 09 03:14:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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.: 0.008 min
Response: 1637394
Conc: 13.96 ug/ml

Instrument :
FID_G
ClientSampleId :
G4(6-12)

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
 Data File : FG016248.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 16:24
 Sample : Q2487-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.762	4.726	4.812	HH	859	33090	1.62%	0.077%
2	4.837	4.812	4.864	HH	2019	30587	1.50%	0.071%
3	4.875	4.864	4.880	HH	592	5400	0.26%	0.013%
4	4.883	4.880	4.888	HH	614	2737	0.13%	0.006%
5	4.899	4.888	4.916	HH	693	10590	0.52%	0.025%
6	4.921	4.916	4.946	HH	604	9449	0.46%	0.022%
7	4.959	4.946	4.977	HH	720	10735	0.53%	0.025%
8	4.987	4.977	5.010	HH	635	10780	0.53%	0.025%
9	5.043	5.010	5.065	HH	837	20845	1.02%	0.048%
10	5.091	5.065	5.110	HH	758	18601	0.91%	0.043%
11	5.131	5.110	5.163	HH	936	24667	1.21%	0.057%
12	5.188	5.163	5.212	HH	715	18230	0.89%	0.042%
13	5.224	5.212	5.233	HH	620	6513	0.32%	0.015%
14	5.237	5.233	5.243	HH	522	2818	0.14%	0.007%
15	5.277	5.243	5.298	HH	1771	29432	1.44%	0.068%
16	5.308	5.298	5.320	HH	683	8229	0.40%	0.019%
17	5.329	5.320	5.343	HH	834	9493	0.47%	0.022%
18	5.353	5.343	5.364	HH	661	7235	0.36%	0.017%
19	5.380	5.364	5.413	HH	887	20051	0.98%	0.047%
20	5.432	5.413	5.447	HH	790	12310	0.60%	0.029%
21	5.488	5.447	5.529	HH	810	30264	1.49%	0.070%
22	5.562	5.529	5.575	HH	545	12917	0.63%	0.030%
23	5.579	5.575	5.590	HH	491	3831	0.19%	0.009%
24	5.618	5.590	5.643	HH	1356	24350	1.19%	0.057%
25	5.652	5.643	5.682	HH	796	12843	0.63%	0.030%
26	5.694	5.682	5.713	HH	625	9443	0.46%	0.022%
27	5.721	5.713	5.735	HH	551	6107	0.30%	0.014%
28	5.754	5.735	5.777	HH	544	11824	0.58%	0.027%
29	5.784	5.777	5.798	HH	409	4973	0.24%	0.012%
30	5.816	5.798	5.828	HH	1660	18665	0.92%	0.043%
31	5.846	5.828	5.863	HH	4366	47389	2.33%	0.110%
32	5.876	5.863	5.906	HH	1856	26215	1.29%	0.061%
33	5.917	5.906	5.934	HH	773	10526	0.52%	0.024%
34	5.945	5.934	5.951	HH	530	4698	0.23%	0.011%
35	5.960	5.951	5.970	HH	520	5310	0.26%	0.012%
36	6.006	5.970	6.030	HH	919	22559	1.11%	0.052%

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37	6.059	6.030	6.100	HH	787	25523	1.25%	0.059%
38	6.133	6.100	6.159	HH	829	23040	1.13%	0.053%
39	6.186	6.159	6.200	HH	746	14460	0.71%	0.034%
40	6.203	6.200	6.211	HH	544	3262	0.16%	0.008%
41	6.215	6.211	6.224	HH	526	3659	0.18%	0.008%
42	6.229	6.224	6.238	HH	607	4222	0.21%	0.010%
43	6.253	6.238	6.262	HH	631	8386	0.41%	0.019%
44	6.272	6.262	6.283	HH	655	7601	0.37%	0.018%
45	6.288	6.283	6.291	HH	593	2590	0.13%	0.006%
46	6.295	6.291	6.322	HH	621	9187	0.45%	0.021%
47	6.352	6.322	6.370	HH	946	18766	0.92%	0.044%
48	6.392	6.370	6.437	HH	8697	107040	5.25%	0.248%
49	6.462	6.437	6.485	HH	1070	24007	1.18%	0.056%
50	6.498	6.485	6.520	HH	785	13544	0.66%	0.031%
51	6.541	6.520	6.554	HH	797	12521	0.61%	0.029%
52	6.566	6.554	6.570	HH	868	7492	0.37%	0.017%
53	6.576	6.570	6.610	HH	810	15209	0.75%	0.035%
54	6.620	6.610	6.633	HH	615	7812	0.38%	0.018%
55	6.646	6.633	6.665	HH	677	11663	0.57%	0.027%
56	6.688	6.665	6.706	HH	1389	23181	1.14%	0.054%
57	6.711	6.706	6.726	HH	802	8754	0.43%	0.020%
58	6.732	6.726	6.744	HH	738	7534	0.37%	0.017%
59	6.756	6.744	6.791	HH	1175	23345	1.15%	0.054%
60	6.796	6.791	6.802	HH	644	4006	0.20%	0.009%
61	6.807	6.802	6.823	HH	701	7792	0.38%	0.018%
62	6.853	6.823	6.885	HH	1670	34503	1.69%	0.080%
63	6.890	6.885	6.907	HH	616	7547	0.37%	0.018%
64	6.925	6.907	6.957	HH	4035	49734	2.44%	0.115%
65	6.964	6.957	6.977	HH	601	6993	0.34%	0.016%
66	6.981	6.977	6.990	HH	612	4354	0.21%	0.010%
67	7.008	6.990	7.033	HH	1337	21733	1.07%	0.050%
68	7.048	7.033	7.076	HH	865	17132	0.84%	0.040%
69	7.079	7.076	7.099	HH	580	6315	0.31%	0.015%
70	7.118	7.099	7.121	HH	550	6541	0.32%	0.015%
71	7.138	7.121	7.164	HH	670	14280	0.70%	0.033%
72	7.183	7.164	7.215	HH	770	18797	0.92%	0.044%
73	7.226	7.215	7.234	HH	520	5179	0.25%	0.012%
74	7.264	7.234	7.285	HH	762	16993	0.83%	0.039%
75	7.317	7.285	7.324	HH	706	13257	0.65%	0.031%
76	7.342	7.324	7.358	HH	1318	20647	1.01%	0.048%
77	7.368	7.358	7.381	HH	1135	14388	0.71%	0.033%
78	7.392	7.381	7.412	HH	1092	16294	0.80%	0.038%
79	7.433	7.412	7.463	HH	1019	21408	1.05%	0.050%
80	7.494	7.463	7.513	HH	1614	30075	1.48%	0.070%
81	7.529	7.513	7.561	HH	1225	25232	1.24%	0.059%
82	7.580	7.561	7.616	HH	1648	31184	1.53%	0.072%
83	7.634	7.616	7.660	HH	1303	21160	1.04%	0.049%
84	7.680	7.660	7.695	HH	867	15502	0.76%	0.036%
85	7.703	7.695	7.745	HH	694	17443	0.86%	0.040%
86	7.762	7.745	7.766	HH	665	7117	0.35%	0.017%
87	7.806	7.766	7.837	HH	1979	39791	1.95%	0.092%
88	7.861	7.837	7.886	HH	738	18240	0.90%	0.042%
89	7.897	7.886	7.907	HH	722	7903	0.39%	0.018%

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90	7.936	7.907	7.952	HH	785	18684	0.92%	0.043%
91	7.965	7.952	7.976	HH	1120	13526	0.66%	0.031%
92	7.982	7.976	8.013	HH	1115	17746	0.87%	0.041%
93	8.026	8.013	8.055	HH	740	15110	0.74%	0.035%
94	8.059	8.055	8.065	HH	592	3535	0.17%	0.008%
95	8.071	8.065	8.076	HH	599	3548	0.17%	0.008%
96	8.097	8.076	8.122	HH	1597	26923	1.32%	0.062%
97	8.127	8.122	8.137	HH	643	5347	0.26%	0.012%
98	8.148	8.137	8.170	HH	800	13011	0.64%	0.030%
99	8.177	8.170	8.195	HH	665	9216	0.45%	0.021%
100	8.200	8.195	8.212	HH	683	5905	0.29%	0.014%
101	8.233	8.212	8.254	HH	1626	28707	1.41%	0.067%
102	8.268	8.254	8.285	HH	2057	27627	1.36%	0.064%
103	8.297	8.285	8.327	HH	914	18090	0.89%	0.042%
104	8.335	8.327	8.356	HH	826	11933	0.59%	0.028%
105	8.387	8.356	8.412	HH	881	23841	1.17%	0.055%
106	8.435	8.412	8.466	HH	901	24723	1.21%	0.057%
107	8.470	8.466	8.480	HH	674	5774	0.28%	0.013%
108	8.513	8.480	8.545	HH	2136	42878	2.10%	0.100%
109	8.582	8.545	8.597	HH	1064	25684	1.26%	0.060%
110	8.619	8.597	8.632	HH	1223	22316	1.10%	0.052%
111	8.648	8.632	8.662	HH	1346	20388	1.00%	0.047%
112	8.666	8.662	8.672	HH	1224	7016	0.34%	0.016%
113	8.693	8.672	8.714	HH	2667	43034	2.11%	0.100%
114	8.731	8.714	8.766	HH	3380	52003	2.55%	0.121%
115	8.807	8.766	8.846	HH	1788	48713	2.39%	0.113%
116	8.856	8.846	8.882	HH	922	16613	0.82%	0.039%
117	8.896	8.882	8.908	HH	875	11877	0.58%	0.028%
118	8.923	8.908	8.937	HH	917	14312	0.70%	0.033%
119	8.943	8.937	8.967	HH	755	11285	0.55%	0.026%
120	8.972	8.967	8.978	HH	710	4104	0.20%	0.010%
121	8.996	8.978	9.011	HH	917	15088	0.74%	0.035%
122	9.026	9.011	9.035	HH	783	10429	0.51%	0.024%
123	9.060	9.035	9.088	HH	1095	29924	1.47%	0.069%
124	9.106	9.088	9.137	HH	1386	30389	1.49%	0.071%
125	9.167	9.137	9.191	HH	1788	39150	1.92%	0.091%
126	9.195	9.191	9.212	HH	1013	11888	0.58%	0.028%
127	9.237	9.212	9.275	HH	1749	40636	1.99%	0.094%
128	9.306	9.275	9.312	HH	874	17397	0.85%	0.040%
129	9.321	9.312	9.336	HH	919	12555	0.62%	0.029%
130	9.350	9.336	9.362	HH	1182	15531	0.76%	0.036%
131	9.380	9.362	9.397	HH	1461	24688	1.21%	0.057%
132	9.423	9.397	9.463	HH	2062	56136	2.75%	0.130%
133	9.474	9.463	9.495	HH	1106	17680	0.87%	0.041%
134	9.526	9.495	9.547	HH	2502	43545	2.14%	0.101%
135	9.562	9.547	9.575	HH	1128	16930	0.83%	0.039%
136	9.580	9.575	9.598	HH	827	10050	0.49%	0.023%
137	9.621	9.598	9.637	HH	848	18109	0.89%	0.042%
138	9.642	9.637	9.662	HH	808	10806	0.53%	0.025%
139	9.682	9.662	9.698	HH	1023	18309	0.90%	0.043%
140	9.714	9.698	9.747	HH	1108	25702	1.26%	0.060%
141	9.758	9.747	9.779	HH	819	14849	0.73%	0.034%

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142	9.815	9.779	9.844	HH	1083	33944	1.67%	0.079%
143	9.862	9.844	9.880	HH	1688	28643	1.41%	0.066%
144	9.903	9.880	9.940	HH	2124	52761	2.59%	0.122%
145	9.944	9.940	9.959	HH	1064	12056	0.59%	0.028%
146	9.984	9.959	10.010	HH	1374	33841	1.66%	0.079%
147	10.026	10.010	10.032	HH	1041	12413	0.61%	0.029%
148	10.044	10.032	10.070	HH	1114	23634	1.16%	0.055%
149	10.087	10.070	10.123	HH	1236	32910	1.61%	0.076%
150	10.148	10.123	10.157	HH	1396	24022	1.18%	0.056%
151	10.181	10.157	10.219	HH	89971	912883	44.80%	2.119%
152	10.244	10.219	10.289	HH	1606	51309	2.52%	0.119%
153	10.313	10.289	10.363	HH	2688	66945	3.29%	0.155%
154	10.369	10.363	10.377	HH	973	7558	0.37%	0.018%
155	10.416	10.377	10.438	HH	1310	39008	1.91%	0.091%
156	10.441	10.438	10.467	HH	1020	16036	0.79%	0.037%
157	10.485	10.467	10.521	HH	1051	29881	1.47%	0.069%
158	10.527	10.521	10.545	HH	951	12467	0.61%	0.029%
159	10.558	10.545	10.570	HH	938	12857	0.63%	0.030%
160	10.594	10.570	10.612	HH	1385	27752	1.36%	0.064%
161	10.620	10.612	10.635	HH	1100	15098	0.74%	0.035%
162	10.658	10.635	10.688	HH	6072	88002	4.32%	0.204%
163	10.707	10.688	10.727	HH	1882	35110	1.72%	0.082%
164	10.756	10.727	10.774	HH	1707	42421	2.08%	0.098%
165	10.789	10.774	10.819	HH	1728	40652	1.99%	0.094%
166	10.834	10.819	10.843	HH	1627	21173	1.04%	0.049%
167	10.867	10.843	10.883	HH	1663	35462	1.74%	0.082%
168	10.889	10.883	10.894	HH	1276	7889	0.39%	0.018%
169	10.917	10.894	10.946	HH	1699	47702	2.34%	0.111%
170	10.961	10.946	10.984	HH	1840	36302	1.78%	0.084%
171	11.010	10.984	11.028	HH	2307	46497	2.28%	0.108%
172	11.057	11.028	11.096	HH	3283	82439	4.05%	0.191%
173	11.130	11.096	11.150	HH	2511	65628	3.22%	0.152%
174	11.160	11.150	11.207	HH	1988	58633	2.88%	0.136%
175	11.213	11.207	11.226	HH	1699	18343	0.90%	0.043%
176	11.229	11.226	11.265	HH	1553	34265	1.68%	0.080%
177	11.284	11.265	11.294	HH	1835	28973	1.42%	0.067%
178	11.316	11.294	11.336	HH	7947	106261	5.21%	0.247%
179	11.348	11.336	11.372	HH	2365	47501	2.33%	0.110%
180	11.391	11.372	11.411	HH	3881	65143	3.20%	0.151%
181	11.416	11.411	11.442	HH	2094	37195	1.83%	0.086%
182	11.453	11.442	11.463	HH	1936	23403	1.15%	0.054%
183	11.465	11.463	11.482	HH	1885	20425	1.00%	0.047%
184	11.494	11.482	11.504	HH	1854	23472	1.15%	0.054%
185	11.519	11.504	11.525	HH	1874	22708	1.11%	0.053%
186	11.533	11.525	11.556	HH	1861	32885	1.61%	0.076%
187	11.572	11.556	11.586	HH	1993	33205	1.63%	0.077%
188	11.604	11.586	11.616	HH	2462	39531	1.94%	0.092%
189	11.625	11.616	11.654	HH	2109	42839	2.10%	0.099%
190	11.683	11.654	11.687	HH	1968	36934	1.81%	0.086%
191	11.713	11.687	11.727	HH	2206	49953	2.45%	0.116%
192	11.738	11.727	11.749	HH	2384	29354	1.44%	0.068%
193	11.767	11.749	11.796	HH	3595	73110	3.59%	0.170%
194	11.810	11.796	11.820	HH	2175	30767	1.51%	0.071%

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195	11.846	11.820	11.889	HH	3469	111949	5.49%	0.260%
196	11.926	11.889	11.944	HH	2688	74969	3.68%	0.174%
197	11.964	11.944	11.992	HH	2871	71774	3.52%	0.167%
198	12.014	11.992	12.029	HH	2995	57156	2.80%	0.133%
199	12.049	12.029	12.054	HH	3074	41690	2.05%	0.097%
200	12.060	12.054	12.064	HH	3042	17454	0.86%	0.041%
201	12.079	12.064	12.100	HH	3146	64142	3.15%	0.149%
202	12.126	12.100	12.140	HH	3864	74423	3.65%	0.173%
203	12.156	12.140	12.177	HH	4444	78597	3.86%	0.182%
204	12.187	12.177	12.208	HH	3225	55564	2.73%	0.129%
205	12.243	12.208	12.263	HH	4740	120009	5.89%	0.279%
206	12.276	12.263	12.290	HH	3816	56969	2.80%	0.132%
207	12.306	12.290	12.339	HH	3967	95842	4.70%	0.222%
208	12.350	12.339	12.357	HH	2681	28490	1.40%	0.066%
209	12.386	12.357	12.396	HH	2995	64125	3.15%	0.149%
210	12.441	12.396	12.466	HH	4760	149715	7.35%	0.348%
211	12.485	12.466	12.512	HH	4063	98089	4.81%	0.228%
212	12.535	12.512	12.567	HH	3969	115080	5.65%	0.267%
213	12.606	12.567	12.626	HH	4165	129287	6.34%	0.300%
214	12.642	12.626	12.649	HH	3568	48242	2.37%	0.112%
215	12.699	12.649	12.766	HH	134317	1944645	95.43%	4.514%
216	12.778	12.766	12.795	HH	5705	91780	4.50%	0.213%
217	12.809	12.795	12.821	HH	5265	79728	3.91%	0.185%
218	12.828	12.821	12.841	HH	5143	59873	2.94%	0.139%
219	12.846	12.841	12.869	HH	4879	81077	3.98%	0.188%
220	12.878	12.869	12.894	HH	4732	69489	3.41%	0.161%
221	12.919	12.894	12.962	HH	5435	188927	9.27%	0.439%
222	12.981	12.962	12.992	HH	4437	75432	3.70%	0.175%
223	13.032	12.992	13.054	HH	6629	192754	9.46%	0.447%
224	13.089	13.054	13.114	HH	6677	191950	9.42%	0.446%
225	13.121	13.114	13.126	HH	4464	30255	1.48%	0.070%
226	13.151	13.126	13.190	HH	21306	382150	18.75%	0.887%
227	13.201	13.190	13.229	HH	5299	111062	5.45%	0.258%
228	13.253	13.229	13.269	HH	4578	108009	5.30%	0.251%
229	13.291	13.269	13.325	HH	4847	156402	7.68%	0.363%
230	13.345	13.325	13.380	HH	5768	170945	8.39%	0.397%
231	13.386	13.380	13.427	HH	5110	135708	6.66%	0.315%
232	13.452	13.427	13.472	HH	19901	291492	14.30%	0.677%
233	13.490	13.472	13.529	HH	10525	271122	13.30%	0.629%
234	13.540	13.529	13.564	HH	6542	123279	6.05%	0.286%
235	13.580	13.564	13.604	HH	6013	132177	6.49%	0.307%
236	13.626	13.604	13.637	HH	5710	107248	5.26%	0.249%
237	13.651	13.637	13.677	HH	6055	131267	6.44%	0.305%
238	13.707	13.677	13.721	HH	7535	166687	8.18%	0.387%
239	13.748	13.721	13.769	HH	7858	211788	10.39%	0.492%
240	13.785	13.769	13.814	HH	7599	186236	9.14%	0.432%
241	13.831	13.814	13.835	HH	6365	79465	3.90%	0.184%
242	13.852	13.835	13.864	HH	6713	111725	5.48%	0.259%
243	13.882	13.864	13.894	HH	6743	116028	5.69%	0.269%
244	13.935	13.894	13.969	HH	31080	603682	29.62%	1.401%
245	13.987	13.969	14.012	HH	10510	222781	10.93%	0.517%
246	14.044	14.012	14.079	HH	9975	308889	15.16%	0.717%

rteres								
247	14.111	14.079	14.132	HH	6869	212120	10.41%	0.492%
248	14.153	14.132	14.174	HH	8929	191227	9.38%	0.444%
249	14.194	14.174	14.210	HH	7883	156940	7.70%	0.364%
250	14.220	14.210	14.226	HH	6888	62514	3.07%	0.145%
251	14.245	14.226	14.266	HH	7696	171169	8.40%	0.397%
252	14.297	14.266	14.316	HH	9957	247156	12.13%	0.574%
253	14.324	14.316	14.342	HH	8939	131746	6.47%	0.306%
254	14.365	14.342	14.386	HH	8121	192527	9.45%	0.447%
255	14.423	14.386	14.459	HH	9506	348557	17.10%	0.809%
256	14.472	14.459	14.477	HH	6961	75974	3.73%	0.176%
257	14.528	14.477	14.551	HH	7792	323547	15.88%	0.751%
258	14.556	14.551	14.565	HH	7201	62857	3.08%	0.146%
259	14.589	14.565	14.594	HH	7539	127474	6.26%	0.296%
260	14.600	14.594	14.613	HH	7558	84840	4.16%	0.197%
261	14.629	14.613	14.636	HH	7489	99745	4.89%	0.232%
262	14.690	14.636	14.734	HH	13422	556662	27.32%	1.292%
263	14.740	14.734	14.748	HH	8574	71785	3.52%	0.167%
264	14.756	14.748	14.765	HH	8808	89157	4.38%	0.207%
265	14.783	14.765	14.801	HH	9303	193735	9.51%	0.450%
266	14.814	14.801	14.837	HH	8704	181763	8.92%	0.422%
267	14.861	14.837	14.885	HH	14230	312690	15.34%	0.726%
268	14.892	14.885	14.909	HH	9182	129733	6.37%	0.301%
269	14.916	14.909	14.921	HH	9063	63926	3.14%	0.148%
270	14.929	14.921	14.941	HH	9289	109097	5.35%	0.253%
271	14.965	14.941	14.989	HH	12315	303209	14.88%	0.704%
272	14.994	14.989	15.006	HH	9693	93385	4.58%	0.217%
273	15.030	15.006	15.051	HH	11393	269085	13.20%	0.625%
274	15.084	15.051	15.111	HH	10477	346719	17.01%	0.805%
275	15.152	15.111	15.166	HH	10063	321368	15.77%	0.746%
276	15.201	15.166	15.236	HH	134534	2037799	100.00%	4.730%
277	15.252	15.236	15.276	HH	10542	245458	12.05%	0.570%
278	15.296	15.276	15.314	HH	10734	234181	11.49%	0.544%
279	15.342	15.314	15.361	HH	19157	385717	18.93%	0.895%
280	15.384	15.361	15.398	HH	19569	344316	16.90%	0.799%
281	15.405	15.398	15.432	HH	15250	259614	12.74%	0.603%
282	15.446	15.432	15.477	HH	11222	285294	14.00%	0.662%
283	15.508	15.477	15.529	HH	12472	355284	17.43%	0.825%
284	15.551	15.529	15.572	HH	12045	294266	14.44%	0.683%
285	15.582	15.572	15.596	HH	11319	155957	7.65%	0.362%
286	15.598	15.596	15.622	HH	11288	173977	8.54%	0.404%
287	15.644	15.622	15.651	HH	11672	189425	9.30%	0.440%
288	15.664	15.651	15.676	HH	11676	172533	8.47%	0.401%
289	15.695	15.676	15.730	HH	11642	375043	18.40%	0.871%
290	15.758	15.730	15.766	HH	21944	359580	17.65%	0.835%
291	15.787	15.766	15.869	HH	68603	1610358	79.02%	3.738%
292	15.887	15.869	15.899	HH	12437	218045	10.70%	0.506%
293	15.930	15.899	15.967	HH	20881	622536	30.55%	1.445%
294	15.981	15.967	15.996	HH	13200	224790	11.03%	0.522%
295	16.019	15.996	16.042	HH	15762	397053	19.48%	0.922%
296	16.062	16.042	16.093	HH	13922	394399	19.35%	0.916%
297	16.109	16.093	16.116	HH	13059	173732	8.53%	0.403%
298	16.120	16.116	16.131	HH	12698	113613	5.58%	0.264%
299	16.170	16.131	16.174	HH	13964	338296	16.60%	0.785%

					rteres			
300	16.187	16.174	16.217	HH	14510	354989	17.42%	0.824%
301	16.259	16.217	16.285	HH	13861	539106	26.46%	1.251%
302	16.310	16.285	16.334	HH	15027	412175	20.23%	0.957%
303	16.349	16.334	16.356	HH	13714	177931	8.73%	0.413%
304	16.361	16.356	16.377	HH	13730	165172	8.11%	0.383%
305	16.394	16.377	16.406	HH	13865	243134	11.93%	0.564%
306	16.409	16.406	16.414	HH	13782	64583	3.17%	0.150%
307	16.435	16.414	16.469	HH	20643	542853	26.64%	1.260%
308	16.473	16.469	16.482	HH	14131	111980	5.50%	0.260%
309	16.501	16.482	16.522	HH	14747	334284	16.40%	0.776%
310	16.529	16.522	16.547	HH	13723	202609	9.94%	0.470%
311	16.560	16.547	16.576	HH	13662	231218	11.35%	0.537%
312	16.633	16.576	16.674	HH	15429	838330	41.14%	1.946%
313	16.697	16.674	16.714	HH	15507	352580	17.30%	0.818%
314	16.746	16.714	16.771	HH	15731	517205	25.38%	1.201%
315	16.776	16.771	16.781	HH	15098	91880	4.51%	0.213%
316	16.809	16.781	16.858	HH	24936	854557	41.94%	1.984%
317	16.919	16.858	16.972	HH	56164	1675295	82.21%	3.889%
318	17.005	16.972	17.025	HH	20013	546499	26.82%	1.269%
319	17.050	17.025	17.122	HH	30854	1144267	56.15%	2.656%
320	17.141	17.122	17.154	HH	16704	308146	15.12%	0.715%
321	17.185	17.154	17.209	HH	17946	569923	27.97%	1.323%
322	17.235	17.209	17.268	HH	22868	683082	33.52%	1.586%
323	17.292	17.268	17.334	HH	25198	748070	36.71%	1.737%
324	17.338	17.334	17.341	HH	16149	64356	3.16%	0.149%
325	17.392	17.341	17.413	HH	25293	845944	41.51%	1.964%
326	17.467	17.413	17.495	HH	20250	907500	44.53%	2.107%
					Sum of corrected areas:	43078761		

FG061325.M Wed Jul 09 05:45:03 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-11	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	Diesel Range Organics
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016119.D	10	07/08/25 08:35	07/09/25 11:34	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	117000		1850	18200	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.00		37 - 130	50%	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\FF070925\
Data File : FF016119.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 11:34
Operator : YP\AJ
Sample : Q2487-11 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G3(0-6)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.102	120191	0.995 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016119.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 11:34
Operator : YP\AJ
Sample : Q2487-11 10X
Misc :
ALS Vial : 71 Sample Multiplier: 1

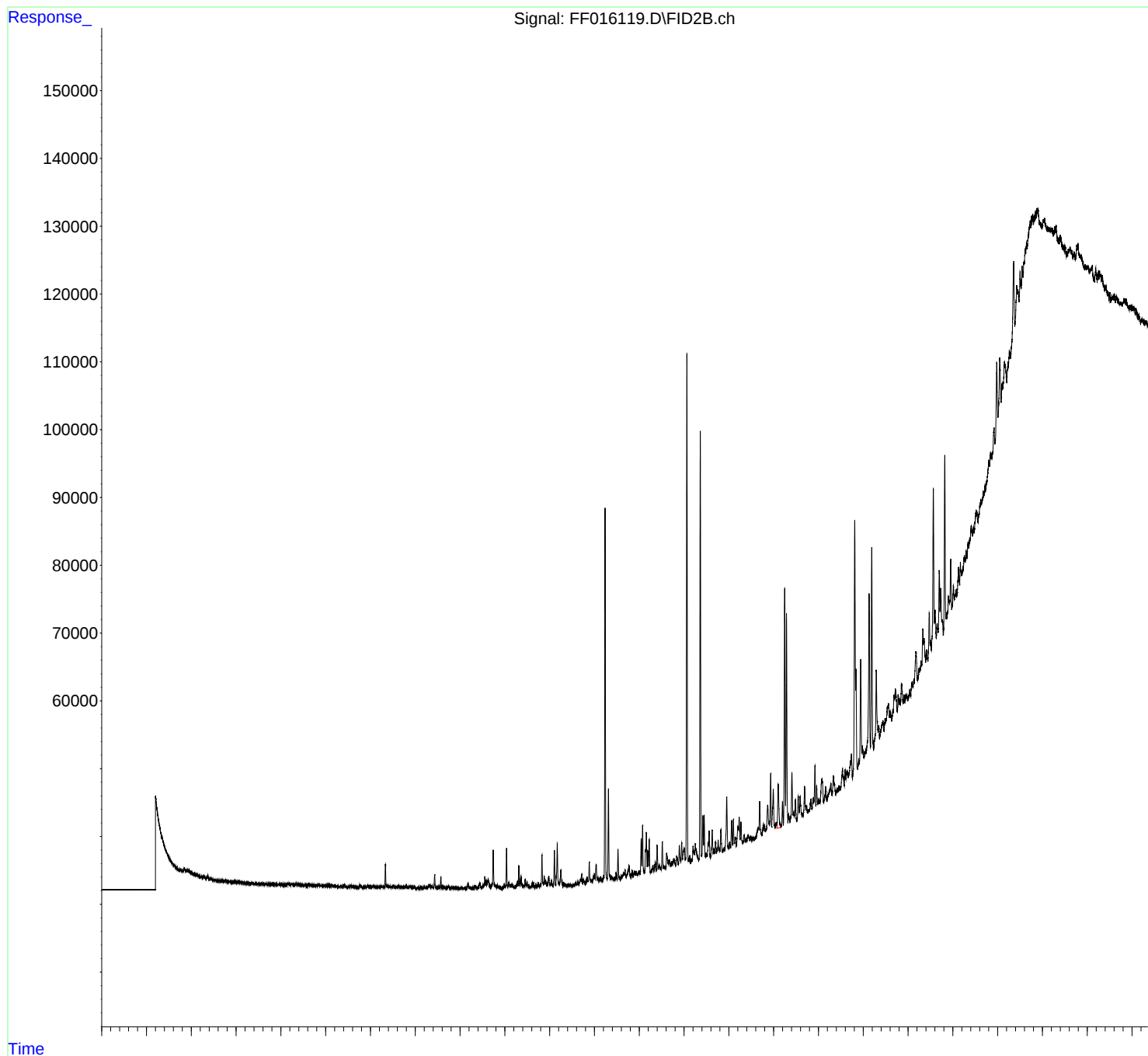
Instrument :
FID_F
ClientSampleId :
G3(0-6)

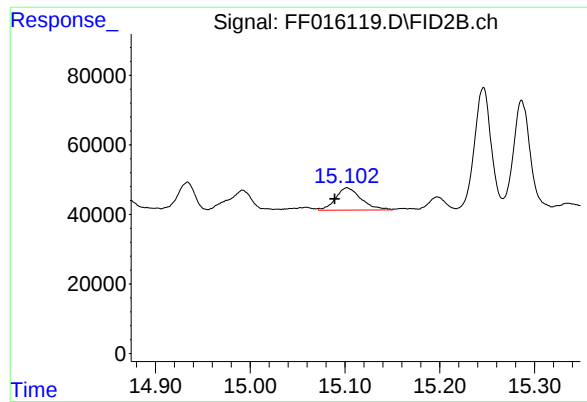
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.102 min
Delta R.T.: 0.013 min
Response: 120191
Conc: 1.00 ug/ml

Instrument :

FID_F

ClientSampleId :

G3(0-6)

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016119.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 11:34
 Sample : Q2487-11 10X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.426	4.423	4.458	HH	741	14157	0.94%	0.033%
2	4.462	4.458	4.468	HH	673	3969	0.26%	0.009%
3	4.473	4.468	4.486	HH	697	6868	0.46%	0.016%
4	4.487	4.486	4.499	HH	685	5226	0.35%	0.012%
5	4.507	4.499	4.511	HH	671	4428	0.30%	0.010%
6	4.528	4.511	4.548	HH	725	15331	1.02%	0.035%
7	4.550	4.548	4.563	HH	700	5865	0.39%	0.014%
8	4.568	4.563	4.593	HH	656	11226	0.75%	0.026%
9	4.618	4.593	4.643	HH	817	20730	1.38%	0.048%
10	4.657	4.643	4.664	HH	770	9058	0.60%	0.021%
11	4.670	4.664	4.675	HH	713	4036	0.27%	0.009%
12	4.697	4.675	4.710	HH	678	13469	0.90%	0.031%
13	4.720	4.710	4.724	HH	649	4940	0.33%	0.011%
14	4.732	4.724	4.753	HH	681	10263	0.68%	0.024%
15	4.779	4.753	4.799	HH	731	17394	1.16%	0.040%
16	4.804	4.799	4.813	HH	617	4712	0.31%	0.011%
17	4.824	4.813	4.833	HH	624	7219	0.48%	0.017%
18	4.850	4.833	4.881	HH	914	19432	1.29%	0.045%
19	4.904	4.881	4.921	HH	627	13740	0.92%	0.032%
20	4.928	4.921	4.941	HH	661	6962	0.46%	0.016%
21	4.946	4.941	4.958	HH	589	5213	0.35%	0.012%
22	4.968	4.958	4.973	HH	650	5541	0.37%	0.013%
23	4.995	4.973	5.000	HH	670	9610	0.64%	0.022%

Instrument :
 FID_F
 ClientSampleId :
 G3(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

24	5.003	5.000	5.010	HH	679	3841	0.26%	0.009%
25	5.015	5.010	5.021	HH	655	3850	0.26%	0.009%
26	5.038	5.021	5.058	HH	688	13575	0.90%	0.031%
27	5.084	5.058	5.099	HH	722	14812	0.99%	0.034%
28	5.103	5.099	5.107	HH	576	2585	0.17%	0.006%
29	5.117	5.107	5.173	HH	667	22172	1.48%	0.051%
30	5.178	5.173	5.189	HH	528	4441	0.30%	0.010%
31	5.204	5.189	5.229	HH	544	11467	0.76%	0.026%
32	5.240	5.229	5.261	HH	548	9392	0.63%	0.022%
33	5.267	5.261	5.295	HH	523	9399	0.63%	0.022%
34	5.310	5.295	5.315	HH	493	5562	0.37%	0.013%
35	5.328	5.315	5.364	HH	522	14376	0.96%	0.033%
36	5.383	5.364	5.400	HH	567	10310	0.69%	0.024%
37	5.413	5.400	5.433	HH	712	11829	0.79%	0.027%
38	5.436	5.433	5.441	HH	557	2574	0.17%	0.006%
39	5.442	5.441	5.456	HH	565	4083	0.27%	0.009%
40	5.460	5.456	5.472	HH	484	4010	0.27%	0.009%
41	5.476	5.472	5.490	HH	439	4262	0.28%	0.010%
42	5.503	5.490	5.510	HH	401	4749	0.32%	0.011%
43	5.514	5.510	5.530	HH	462	5059	0.34%	0.012%
44	5.565	5.530	5.583	HH	703	16087	1.07%	0.037%
45	5.599	5.583	5.606	HH	473	6086	0.41%	0.014%
46	5.609	5.606	5.623	HH	524	4411	0.29%	0.010%
47	5.629	5.623	5.634	HH	477	3147	0.21%	0.007%
48	5.640	5.634	5.656	HH	495	5715	0.38%	0.013%
49	5.659	5.656	5.667	HH	450	2597	0.17%	0.006%
50	5.670	5.667	5.685	HH	430	4363	0.29%	0.010%
51	5.695	5.685	5.708	HH	427	5219	0.35%	0.012%
52	5.712	5.708	5.716	HH	390	1900	0.13%	0.004%
53	5.731	5.716	5.740	HH	442	4989	0.33%	0.012%
54	5.758	5.740	5.783	HH	727	13606	0.91%	0.031%
55	5.785	5.783	5.829	HH	575	12791	0.85%	0.029%
56	5.846	5.829	5.862	HH	483	7921	0.53%	0.018%
57	5.875	5.862	5.898	HH	450	8571	0.57%	0.020%
58	5.952	5.898	5.978	HH	675	21497	1.43%	0.050%
59	5.984	5.978	5.994	HH	433	3617	0.24%	0.008%
60	6.005	5.994	6.020	HH	438	6244	0.42%	0.014%
61	6.031	6.020	6.048	HH	476	7076	0.47%	0.016%
62	6.057	6.048	6.091	HH	600	12556	0.84%	0.029%

Instrument :

FID_F

ClientSampleId :

G3(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

63	6.092	6.091	6.102	HH	489	2599	0.17%	0.006%
64	6.109	6.102	6.123	HH	436	4913	0.33%	0.011%
65	6.125	6.123	6.136	HH	426	3119	0.21%	0.007%
66	6.142	6.136	6.168	HH	568	7220	0.48%	0.017%
67	6.171	6.168	6.186	HH	376	3880	0.26%	0.009%
68	6.200	6.186	6.215	HH	462	6517	0.43%	0.015%
69	6.227	6.215	6.257	HH	465	10125	0.67%	0.023%
70	6.264	6.257	6.276	HH	470	4866	0.32%	0.011%
71	6.296	6.276	6.315	HH	511	10394	0.69%	0.024%
72	6.333	6.315	6.363	HH	3741	45436	3.03%	0.105%
73	6.378	6.363	6.416	HH	641	15593	1.04%	0.036%
74	6.436	6.416	6.460	HH	551	11180	0.75%	0.026%
75	6.466	6.460	6.479	HH	443	4779	0.32%	0.011%
76	6.488	6.479	6.504	HH	509	6709	0.45%	0.015%
77	6.509	6.504	6.529	HH	509	6706	0.45%	0.015%
78	6.534	6.529	6.555	HH	484	5999	0.40%	0.014%
79	6.565	6.555	6.570	HH	471	3723	0.25%	0.009%
80	6.580	6.570	6.604	HH	506	8494	0.57%	0.020%
81	6.629	6.604	6.649	HH	669	12967	0.86%	0.030%
82	6.656	6.649	6.662	HH	452	2832	0.19%	0.007%
83	6.671	6.662	6.683	HH	413	5128	0.34%	0.012%
84	6.692	6.683	6.705	HH	431	5213	0.35%	0.012%
85	6.711	6.705	6.738	HH	478	8195	0.55%	0.019%
86	6.739	6.738	6.749	HH	439	2807	0.19%	0.006%
87	6.756	6.749	6.766	HH	440	3781	0.25%	0.009%
88	6.792	6.766	6.832	HH	714	17896	1.19%	0.041%
89	6.838	6.832	6.851	HH	355	3682	0.25%	0.008%
90	6.885	6.851	6.903	HH	574	13193	0.88%	0.030%
91	6.904	6.903	6.916	HH	408	2837	0.19%	0.007%
92	6.923	6.916	6.937	HH	357	3618	0.24%	0.008%
93	6.951	6.937	6.969	HH	435	6991	0.47%	0.016%
94	6.984	6.969	7.012	HH	437	8113	0.54%	0.019%
95	7.017	7.012	7.036	HH	273	3005	0.20%	0.007%
96	7.056	7.036	7.068	HH	270	3965	0.26%	0.009%
97	7.075	7.068	7.101	HH	308	4819	0.32%	0.011%
98	7.117	7.101	7.125	HH	364	4368	0.29%	0.010%
99	7.129	7.125	7.156	HH	314	5080	0.34%	0.012%
100	7.162	7.156	7.174	HH	313	2649	0.18%	0.006%
101	7.201	7.174	7.225	HH	388	9146	0.61%	0.021%

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102	7.230	7.225	7.251	HH	359	4938	0.33%	0.011%
103	7.253	7.251	7.264	HH	351	2181	0.15%	0.005%
104	7.303	7.264	7.321	HH	685	15487	1.03%	0.036%
105	7.329	7.321	7.359	HH	569	10981	0.73%	0.025%
106	7.363	7.359	7.403	HH	497	10011	0.67%	0.023%
107	7.433	7.403	7.455	HH	2216	29280	1.95%	0.068%
108	7.467	7.455	7.482	HH	416	5977	0.40%	0.014%
109	7.488	7.482	7.493	HH	407	2202	0.15%	0.005%
110	7.497	7.493	7.510	HH	366	3595	0.24%	0.008%
111	7.517	7.510	7.545	HH	470	7936	0.53%	0.018%
112	7.572	7.545	7.598	HH	1921	24584	1.64%	0.057%
113	7.616	7.598	7.632	HH	452	7543	0.50%	0.017%
114	7.637	7.632	7.642	HH	390	2100	0.14%	0.005%
115	7.647	7.642	7.660	HH	427	3761	0.25%	0.009%
116	7.665	7.660	7.671	HH	349	1886	0.13%	0.004%
117	7.674	7.671	7.680	HH	328	1639	0.11%	0.004%
118	7.691	7.680	7.705	HH	338	4450	0.30%	0.010%
119	7.709	7.705	7.716	HH	359	2092	0.14%	0.005%
120	7.743	7.716	7.771	HH	545	11942	0.80%	0.028%
121	7.776	7.771	7.790	HH	313	3075	0.20%	0.007%
122	7.805	7.790	7.811	HH	344	3604	0.24%	0.008%
123	7.817	7.811	7.839	HH	329	4843	0.32%	0.011%
124	7.850	7.839	7.860	HH	313	3104	0.21%	0.007%
125	7.878	7.860	7.891	HH	360	5024	0.33%	0.012%
126	7.896	7.891	7.912	HH	301	2978	0.20%	0.007%
127	7.918	7.912	7.923	HH	333	1798	0.12%	0.004%
128	7.927	7.923	7.946	HH	364	3441	0.23%	0.008%
129	7.950	7.946	7.965	HH	235	2175	0.14%	0.005%
130	7.969	7.965	7.995	HH	217	3302	0.22%	0.008%
131	8.003	7.995	8.015	HH	250	2242	0.15%	0.005%
132	8.020	8.015	8.027	HH	247	1409	0.09%	0.003%
133	8.038	8.027	8.052	HH	346	4305	0.29%	0.010%
134	8.058	8.052	8.069	HH	305	2470	0.16%	0.006%
135	8.074	8.069	8.091	HH	277	3284	0.22%	0.008%
136	8.095	8.091	8.133	HH	294	6004	0.40%	0.014%
137	8.139	8.133	8.143	HH	274	1235	0.08%	0.003%
138	8.175	8.143	8.202	HH	953	17596	1.17%	0.041%
139	8.208	8.202	8.245	HH	426	8052	0.54%	0.019%
140	8.249	8.245	8.264	HH	250	2588	0.17%	0.006%

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141	8.275	8.264	8.292	HH	328	4110	0.27%	0.009%
142	8.335	8.292	8.356	HH	567	13563	0.90%	0.031%
143	8.361	8.356	8.377	HH	356	3967	0.26%	0.009%
144	8.380	8.377	8.395	HH	373	3111	0.21%	0.007%
145	8.408	8.395	8.414	HH	352	3450	0.23%	0.008%
146	8.434	8.414	8.440	HH	912	9635	0.64%	0.022%
147	8.447	8.440	8.486	HH	1016	14467	0.96%	0.033%
148	8.519	8.486	8.534	HH	663	14224	0.95%	0.033%
149	8.554	8.534	8.568	HH	1893	23572	1.57%	0.054%
150	8.582	8.568	8.597	HH	1358	17189	1.15%	0.040%
151	8.627	8.597	8.661	HH	1543	39841	2.66%	0.092%
152	8.665	8.661	8.693	HH	554	8370	0.56%	0.019%
153	8.740	8.693	8.783	HH	5830	90581	6.04%	0.209%
154	8.791	8.783	8.819	HH	647	10155	0.68%	0.023%
155	8.830	8.819	8.868	HH	697	12089	0.81%	0.028%
156	8.881	8.868	8.897	HH	387	5309	0.35%	0.012%
157	8.899	8.897	8.923	HH	326	3996	0.27%	0.009%
158	8.924	8.923	8.933	HH	301	1419	0.09%	0.003%
159	8.943	8.933	8.948	HH	283	2287	0.15%	0.005%
160	8.955	8.948	8.959	HH	293	1777	0.12%	0.004%
161	8.987	8.959	9.006	HH	742	12778	0.85%	0.029%
162	9.038	9.006	9.063	HH	6131	69418	4.63%	0.160%
163	9.085	9.063	9.119	HH	1041	24464	1.63%	0.056%
164	9.122	9.119	9.126	HH	608	2504	0.17%	0.006%
165	9.157	9.126	9.191	HH	755	23200	1.55%	0.053%
166	9.207	9.191	9.236	HH	428	10249	0.68%	0.024%
167	9.280	9.236	9.296	HH	1156	24227	1.61%	0.056%
168	9.313	9.296	9.334	HH	3587	41602	2.77%	0.096%
169	9.358	9.334	9.399	HH	1973	43341	2.89%	0.100%
170	9.408	9.399	9.421	HH	643	6935	0.46%	0.016%
171	9.426	9.421	9.431	HH	505	2620	0.17%	0.006%
172	9.455	9.431	9.474	HH	1429	23346	1.56%	0.054%
173	9.492	9.474	9.514	HH	1087	18759	1.25%	0.043%
174	9.517	9.514	9.538	HH	527	6391	0.43%	0.015%
175	9.543	9.538	9.569	HH	533	7557	0.50%	0.017%
176	9.608	9.569	9.628	HH	1058	20678	1.38%	0.048%
177	9.640	9.628	9.670	HH	1028	16035	1.07%	0.037%
178	9.692	9.670	9.706	HH	751	12137	0.81%	0.028%
179	9.746	9.706	9.770	HH	994	23838	1.59%	0.055%
180	9.790	9.770	9.807	HH	833	14767	0.98%	0.034%

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181	9.828	9.807	9.862	HH	5090	70503	4.70%	0.163%
182	9.877	9.862	9.894	HH	1949	24987	1.67%	0.058%
183	9.907	9.894	9.936	HH	1441	26539	1.77%	0.061%
184	9.949	9.936	9.960	HH	974	12406	0.83%	0.029%
185	9.980	9.960	10.000	HH	1985	31787	2.12%	0.073%
186	10.015	10.000	10.022	HH	843	9856	0.66%	0.023%
187	10.041	10.022	10.073	HH	1335	27401	1.83%	0.063%
188	10.106	10.073	10.132	HH	5737	77128	5.14%	0.178%
189	10.170	10.132	10.216	HH	6838	117718	7.84%	0.271%
190	10.250	10.216	10.297	HH	2855	70768	4.72%	0.163%
191	10.315	10.297	10.329	HH	961	14946	1.00%	0.034%
192	10.352	10.329	10.378	HH	841	19369	1.29%	0.045%
193	10.416	10.378	10.428	HH	830	20263	1.35%	0.047%
194	10.431	10.428	10.445	HH	828	7167	0.48%	0.017%
195	10.453	10.445	10.477	HH	779	13013	0.87%	0.030%
196	10.481	10.477	10.493	HH	669	5801	0.39%	0.013%
197	10.497	10.493	10.501	HH	663	2949	0.20%	0.007%
198	10.512	10.501	10.535	HH	723	13224	0.88%	0.030%
199	10.546	10.535	10.555	HH	733	8044	0.54%	0.019%
200	10.578	10.555	10.610	HH	1079	27946	1.86%	0.064%
201	10.629	10.610	10.649	HH	1200	22584	1.51%	0.052%
202	10.687	10.649	10.700	HH	1513	36091	2.41%	0.083%
203	10.715	10.700	10.741	HH	2281	38353	2.56%	0.088%
204	10.756	10.741	10.796	HH	1569	38058	2.54%	0.088%
205	10.832	10.796	10.865	HH	1897	55162	3.68%	0.127%
206	10.884	10.865	10.923	HH	4045	75008	5.00%	0.173%
207	10.932	10.923	10.948	HH	1394	18755	1.25%	0.043%
208	10.979	10.948	10.990	HH	1996	41038	2.73%	0.095%
209	11.003	10.990	11.015	HH	2320	29844	1.99%	0.069%
210	11.039	11.015	11.064	HH	3760	75402	5.02%	0.174%
211	11.072	11.064	11.099	HH	1646	32097	2.14%	0.074%
212	11.109	11.099	11.119	HH	1540	17369	1.16%	0.040%
213	11.134	11.119	11.153	HH	1926	32302	2.15%	0.074%
214	11.168	11.153	11.186	HH	1513	28622	1.91%	0.066%
215	11.204	11.186	11.214	HH	2095	29284	1.95%	0.068%
216	11.237	11.214	11.280	HH	56271	638568	42.56%	1.472%
217	11.313	11.280	11.357	HH	14898	221133	14.74%	0.510%
218	11.376	11.357	11.405	HH	1993	50535	3.37%	0.117%
219	11.412	11.405	11.433	HH	1692	27315	1.82%	0.063%

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220	11.444	11.433	11.448	HH	1615	13301	0.89%	0.031%
221	11.450	11.448	11.461	HH	1604	12925	0.86%	0.030%
222	11.482	11.461	11.503	HH	2384	46943	3.13%	0.108%
223	11.525	11.503	11.576	HH	5926	118059	7.87%	0.272%
224	11.647	11.576	11.668	HH	2349	110207	7.34%	0.254%
225	11.684	11.668	11.712	HH	2901	61758	4.12%	0.142%
226	11.774	11.712	11.809	HH	3521	146760	9.78%	0.338%
227	11.840	11.809	11.864	HH	2820	74503	4.96%	0.172%
228	11.892	11.864	11.914	HH	2762	71656	4.78%	0.165%
229	11.932	11.914	11.950	HH	2725	51725	3.45%	0.119%
230	11.995	11.950	12.011	HH	2801	88782	5.92%	0.205%
231	12.044	12.011	12.058	HH	7451	123837	8.25%	0.285%
232	12.074	12.058	12.104	HH	9557	145779	9.71%	0.336%
233	12.108	12.104	12.118	HH	2698	22307	1.49%	0.051%
234	12.159	12.118	12.177	HH	8443	186713	12.44%	0.430%
235	12.192	12.177	12.206	HH	5711	81191	5.41%	0.187%
236	12.223	12.206	12.252	HH	7469	125416	8.36%	0.289%
237	12.266	12.252	12.278	HH	2863	42930	2.86%	0.099%
238	12.303	12.278	12.324	HH	3609	84448	5.63%	0.195%
239	12.357	12.324	12.381	HH	4030	114060	7.60%	0.263%
240	12.400	12.381	12.422	HH	6586	110626	7.37%	0.255%
241	12.446	12.422	12.467	HH	3617	90784	6.05%	0.209%
242	12.472	12.467	12.489	HH	3219	41511	2.77%	0.096%
243	12.515	12.489	12.538	HH	7099	134273	8.95%	0.310%
244	12.551	12.538	12.564	HH	3478	51278	3.42%	0.118%
245	12.571	12.564	12.587	HH	3410	46357	3.09%	0.107%
246	12.612	12.587	12.648	HH	5382	155900	10.39%	0.359%
247	12.664	12.648	12.688	HH	4402	97450	6.49%	0.225%
248	12.697	12.688	12.708	HH	3724	43501	2.90%	0.100%
249	12.726	12.708	12.740	HH	4131	76200	5.08%	0.176%
250	12.766	12.740	12.777	HH	4422	90162	6.01%	0.208%
251	12.789	12.777	12.818	HH	4396	98204	6.54%	0.226%
252	12.838	12.818	12.875	HH	4927	144741	9.65%	0.334%
253	12.895	12.875	12.925	HH	6521	150749	10.05%	0.348%
254	12.947	12.925	12.964	HH	6942	128039	8.53%	0.295%
255	13.001	12.964	13.025	HH	6164	197801	13.18%	0.456%
256	13.064	13.025	13.101	HH	78928	1030982	68.71%	2.377%
257	13.122	13.101	13.144	HH	5048	118576	7.90%	0.273%
258	13.161	13.144	13.174	HH	4487	74449	4.96%	0.172%

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259	13.201	13.174	13.236	HH	6392	201368	13.42%	0.464%
260	13.251	13.236	13.297	HH	6796	210113	14.00%	0.484%
261	13.302	13.297	13.322	HH	4960	70033	4.67%	0.161%
262	13.329	13.322	13.335	HH	4556	35243	2.35%	0.081%
263	13.363	13.335	13.389	HH	67504	854223	56.93%	1.969%
264	13.420	13.389	13.434	HH	10947	203142	13.54%	0.468%
265	13.449	13.434	13.473	HH	10984	182751	12.18%	0.421%
266	13.490	13.473	13.515	HH	5404	129749	8.65%	0.299%
267	13.536	13.515	13.544	HH	7019	106900	7.12%	0.246%
268	13.560	13.544	13.587	HH	8646	171315	11.42%	0.395%
269	13.629	13.587	13.650	HH	8801	244754	16.31%	0.564%
270	13.664	13.650	13.680	HH	6034	103935	6.93%	0.240%
271	13.703	13.680	13.723	HH	7064	157854	10.52%	0.364%
272	13.740	13.723	13.746	HH	5981	77020	5.13%	0.178%
273	13.761	13.746	13.778	HH	7160	124670	8.31%	0.287%
274	13.790	13.778	13.799	HH	6104	75749	5.05%	0.175%
275	13.824	13.799	13.852	HH	8890	223741	14.91%	0.516%
276	13.875	13.852	13.880	HH	5879	95285	6.35%	0.220%
277	13.895	13.880	13.907	HH	6106	96015	6.40%	0.221%
278	13.953	13.907	13.999	HH	13760	451483	30.09%	1.041%
279	14.021	13.999	14.037	HH	6967	149480	9.96%	0.345%
280	14.062	14.037	14.082	HH	10198	217686	14.51%	0.502%
281	14.101	14.082	14.121	HH	10433	195197	13.01%	0.450%
282	14.144	14.121	14.167	HH	7733	196870	13.12%	0.454%
283	14.207	14.167	14.219	HH	9261	254829	16.98%	0.587%
284	14.231	14.219	14.251	HH	10658	179529	11.96%	0.414%
285	14.271	14.251	14.301	HH	9992	246365	16.42%	0.568%
286	14.305	14.301	14.310	HH	7003	40039	2.67%	0.092%
287	14.342	14.310	14.368	HH	8124	257757	17.18%	0.594%
288	14.382	14.368	14.387	HH	7362	82021	5.47%	0.189%
289	14.392	14.387	14.398	HH	7412	46209	3.08%	0.107%
290	14.429	14.398	14.453	HH	8034	255784	17.05%	0.590%
291	14.460	14.453	14.470	HH	7692	78109	5.21%	0.180%
292	14.488	14.470	14.510	HH	7861	179292	11.95%	0.413%
293	14.520	14.510	14.525	HH	7670	69264	4.62%	0.160%
294	14.532	14.525	14.545	HH	7601	90677	6.04%	0.209%
295	14.549	14.545	14.560	HH	7520	63253	4.22%	0.146%
296	14.565	14.560	14.572	HH	7460	53890	3.59%	0.124%
297	14.599	14.572	14.606	HH	7868	158692	10.58%	0.366%

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298	14.663	14.606	14.670	HH	9158	326217	21.74%	0.752%
299	14.689	14.670	14.729	HH	13012	353937	23.59%	0.816%
300	14.734	14.729	14.740	HH	8321	53976	3.60%	0.124%
301	14.766	14.740	14.781	HH	9614	215752	14.38%	0.497%
302	14.795	14.781	14.818	HH	9463	201401	13.42%	0.464%
303	14.821	14.818	14.824	HH	8749	31500	2.10%	0.073%
304	14.870	14.824	14.906	HH	12515	508803	33.91%	1.173%
305	14.934	14.906	14.955	HH	17192	369195	24.60%	0.851%
306	14.992	14.955	15.032	HH	14851	519888	34.65%	1.199%
307	15.059	15.032	15.069	HH	9922	211930	14.12%	0.489%
308	15.102	15.069	15.150	HH	15580	566640	37.76%	1.306%
309	15.162	15.150	15.177	HH	9586	150729	10.04%	0.347%
310	15.198	15.177	15.217	HH	12915	266559	17.76%	0.615%
311	15.246	15.217	15.267	HH	44286	703442	46.88%	1.622%
312	15.286	15.267	15.319	HH	40734	679226	45.26%	1.566%
313	15.335	15.319	15.365	HH	11049	293459	19.56%	0.677%
314	15.408	15.365	15.434	HH	17310	517707	34.50%	1.194%
315	15.438	15.434	15.450	HH	11239	109335	7.29%	0.252%
316	15.456	15.450	15.462	HH	11153	81631	5.44%	0.188%
317	15.487	15.462	15.512	HH	13202	346505	23.09%	0.799%
318	15.548	15.512	15.572	HH	13774	421315	28.08%	0.971%
319	15.591	15.572	15.629	HH	13724	416912	27.78%	0.961%
320	15.635	15.629	15.655	HH	11270	174845	11.65%	0.403%
321	15.691	15.655	15.721	HH	15264	502743	33.50%	1.159%
322	15.732	15.721	15.754	HH	12301	236056	15.73%	0.544%
323	15.790	15.754	15.799	HH	11849	312463	20.82%	0.720%
324	15.833	15.799	15.860	HH	13304	459550	30.63%	1.059%
325	15.882	15.860	15.895	HH	13495	270528	18.03%	0.624%
326	15.923	15.895	15.942	HH	18347	426971	28.45%	0.984%
327	15.959	15.942	15.990	HH	15236	391860	26.11%	0.903%
328	16.010	15.990	16.021	HH	13294	236087	15.73%	0.544%
329	16.078	16.021	16.116	HH	16292	823037	54.85%	1.897%
330	16.160	16.116	16.189	HH	15163	608112	40.53%	1.402%
331	16.216	16.189	16.220	HH	14075	260917	17.39%	0.602%
332	16.243	16.220	16.257	HH	14812	317002	21.13%	0.731%
333	16.277	16.257	16.301	HH	15630	390401	26.02%	0.900%
334	16.334	16.301	16.384	HH	16744	760448	50.68%	1.753%
335	16.390	16.384	16.403	HH	14561	168826	11.25%	0.389%
336	16.422	16.403	16.437	HH	14989	297011	19.79%	0.685%

Instrument :

FID_F

ClientSampleId :

G3(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

337	16.456	16.437	16.473	HH	15362	323817	21.58%	0.747%
338	16.484	16.473	16.494	HH	15038	182837	12.18%	0.422%
339	16.537	16.494	16.575	HH	17817	796829	53.10%	1.837%
340	16.595	16.575	16.612	HH	17640	371524	24.76%	0.857%
341	16.629	16.612	16.640	HH	17291	289416	19.29%	0.667%
342	16.643	16.640	16.662	HH	17443	221608	14.77%	0.511%
343	16.681	16.662	16.685	HH	17268	231144	15.40%	0.533%
344	16.712	16.685	16.717	HH	18965	352441	23.49%	0.813%
345	16.736	16.717	16.760	HH	20017	470288	31.34%	1.084%
346	16.810	16.760	16.829	HH	54421	1249599	83.28%	2.881%
347	16.838	16.829	16.866	HH	32549	555100	36.99%	1.280%
348	16.901	16.866	16.914	HH	19077	529585	35.29%	1.221%
349	16.943	16.914	16.969	HH	34005	824962	54.98%	1.902%
350	16.977	16.969	16.989	HH	21224	257529	17.16%	0.594%
351	16.995	16.989	17.012	HH	20627	276819	18.45%	0.638%
352	17.037	17.012	17.047	HH	20488	409151	27.27%	0.943%
353	17.060	17.047	17.070	HH	20818	284774	18.98%	0.657%
354	17.132	17.070	17.162	HH	43632	1500567	100.00%	3.459%
355	17.190	17.162	17.231	HH	50484	1249932	83.30%	2.882%
356	17.291	17.231	17.330	HH	32420	1459176	97.24%	3.364%
357	17.345	17.330	17.367	HH	24253	526302	35.07%	1.213%
358	17.439	17.367	17.461	HH	24923	1348618	89.87%	3.109%
359	17.493	17.461	17.500	HHA	25237	590501	39.35%	1.361%
Sum of corrected areas: 43375669								

Instrument :

FID_F

ClientSampleId :

G3(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

FF061325.M Thu Jul 10 03:55:14 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	70.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016251.D	1	07/08/25 08:35	07/08/25 17:54	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	9140		241	2370	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	8.63		37 - 130	43%	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\FG070825\
Data File : FG016251.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:54
Operator : YP\AJ
Sample : Q2487-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G3(6-12)

Integration File: Sample.e
Quant Time: Jul 09 03:15:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.200	1011741	8.625 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

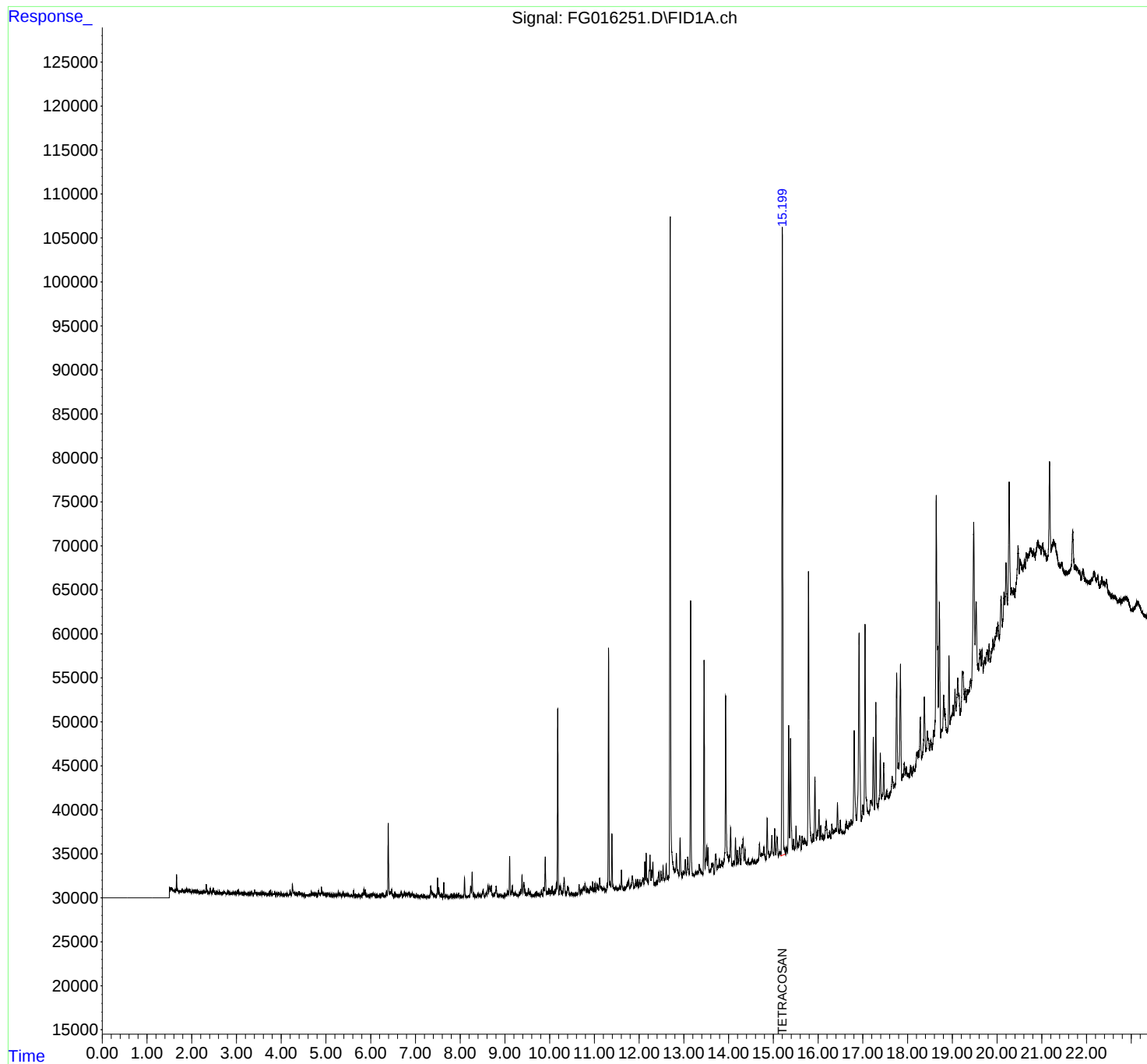
(m)=manual int.

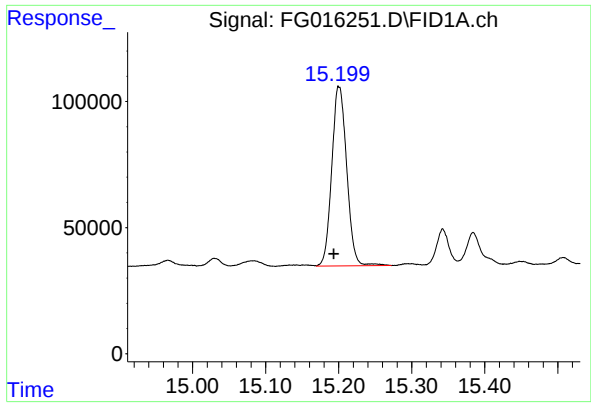
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016251.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:54
Operator : YP\AJ
Sample : Q2487-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G3(6-12)

Integration File: Sample.e
Quant Time: Jul 09 03:15:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.200 min
Delta R.T.: 0.007 min
Response: 1011741
Conc: 8.63 ug/ml

Instrument :
FID_G
ClientSampleId :
G3(6-12)

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
 Data File : FG016251.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 17:54
 Sample : Q2487-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.696	4.690	4.700	HH	455	2355	0.20%	0.009%
2	4.709	4.700	4.726	HH	599	6993	0.58%	0.027%
3	4.743	4.726	4.753	HH	440	6632	0.55%	0.025%
4	4.761	4.753	4.773	HH	540	4985	0.41%	0.019%
5	4.781	4.773	4.801	HH	412	5743	0.48%	0.022%
6	4.808	4.801	4.817	HH	304	2851	0.24%	0.011%
7	4.837	4.817	4.858	HH	851	13479	1.12%	0.052%
8	4.864	4.858	4.876	HH	449	4207	0.35%	0.016%
9	4.900	4.876	5.011	HH	1048	36761	3.06%	0.140%
10	5.046	5.011	5.071	HH	604	14544	1.21%	0.056%
11	5.078	5.071	5.106	HH	393	6897	0.57%	0.026%
12	5.129	5.106	5.148	HH	419	7977	0.66%	0.030%
13	5.159	5.148	5.167	HH	354	3393	0.28%	0.013%
14	5.171	5.167	5.186	HH	339	3520	0.29%	0.013%
15	5.196	5.186	5.215	HH	322	4539	0.38%	0.017%
16	5.222	5.215	5.234	HH	280	2975	0.25%	0.011%
17	5.240	5.234	5.246	HH	233	1556	0.13%	0.006%
18	5.255	5.246	5.262	HH	348	2618	0.22%	0.010%
19	5.277	5.262	5.300	HH	765	11169	0.93%	0.043%
20	5.310	5.300	5.318	HH	414	3996	0.33%	0.015%
21	5.331	5.318	5.347	HH	367	5234	0.44%	0.020%
22	5.380	5.347	5.408	HH	547	13271	1.10%	0.051%
23	5.419	5.408	5.423	HH	353	2748	0.23%	0.010%
24	5.428	5.423	5.433	HH	346	1666	0.14%	0.006%
25	5.437	5.433	5.450	HH	334	2737	0.23%	0.010%
26	5.484	5.450	5.517	HH	417	12130	1.01%	0.046%
27	5.519	5.517	5.539	HH	325	3242	0.27%	0.012%
28	5.544	5.539	5.552	HH	311	2057	0.17%	0.008%
29	5.556	5.552	5.573	HH	298	2751	0.23%	0.011%
30	5.586	5.573	5.592	HH	288	2735	0.23%	0.010%
31	5.596	5.592	5.599	HH	305	1174	0.10%	0.004%
32	5.618	5.599	5.649	HH	787	12533	1.04%	0.048%
33	5.654	5.649	5.659	HH	252	1428	0.12%	0.005%
34	5.664	5.659	5.669	HH	203	1137	0.09%	0.004%
35	5.673	5.669	5.677	HH	222	894	0.07%	0.003%
36	5.681	5.677	5.687	HH	224	1253	0.10%	0.005%

					rteres			
37	5.690	5.687	5.700	HH	261	1678	0.14%	0.006%
38	5.706	5.700	5.713	HH	256	1664	0.14%	0.006%
39	5.717	5.713	5.736	HH	277	3151	0.26%	0.012%
40	5.748	5.736	5.767	HH	299	4461	0.37%	0.017%
41	5.771	5.767	5.782	HH	277	1560	0.13%	0.006%
42	5.787	5.782	5.793	HH	246	1164	0.10%	0.004%
43	5.816	5.793	5.828	HH	526	7075	0.59%	0.027%
44	5.847	5.828	5.863	HH	977	13052	1.09%	0.050%
45	5.877	5.863	5.915	HH	895	14104	1.17%	0.054%
46	5.924	5.915	5.958	HH	286	5554	0.46%	0.021%
47	5.967	5.958	5.981	HH	285	2955	0.25%	0.011%
48	5.986	5.981	5.992	HH	215	1278	0.11%	0.005%
49	6.005	5.992	6.023	HH	424	5525	0.46%	0.021%
50	6.040	6.023	6.051	HH	480	6233	0.52%	0.024%
51	6.057	6.051	6.072	HH	451	4856	0.40%	0.019%
52	6.083	6.072	6.102	HH	384	5267	0.44%	0.020%
53	6.113	6.102	6.127	HH	283	3558	0.30%	0.014%
54	6.138	6.127	6.145	HH	290	2705	0.23%	0.010%
55	6.149	6.145	6.159	HH	282	1795	0.15%	0.007%
56	6.183	6.159	6.203	HH	322	5590	0.47%	0.021%
57	6.226	6.203	6.231	HH	253	3459	0.29%	0.013%
58	6.272	6.231	6.312	HH	468	14532	1.21%	0.056%
59	6.353	6.312	6.370	HH	613	13222	1.10%	0.051%
60	6.393	6.370	6.430	HH	8518	95576	7.95%	0.365%
61	6.443	6.430	6.452	HH	701	7623	0.63%	0.029%
62	6.463	6.452	6.493	HH	994	14146	1.18%	0.054%
63	6.502	6.493	6.525	HH	377	5015	0.42%	0.019%
64	6.541	6.525	6.556	HH	619	5944	0.49%	0.023%
65	6.567	6.556	6.581	HH	414	4794	0.40%	0.018%
66	6.585	6.581	6.607	HH	324	3837	0.32%	0.015%
67	6.646	6.607	6.663	HH	323	8872	0.74%	0.034%
68	6.686	6.663	6.712	HH	701	12340	1.03%	0.047%
69	6.736	6.712	6.742	HH	361	4950	0.41%	0.019%
70	6.757	6.742	6.776	HH	671	9523	0.79%	0.036%
71	6.785	6.776	6.825	HH	434	10767	0.90%	0.041%
72	6.852	6.825	6.894	HH	615	16900	1.41%	0.065%
73	6.898	6.894	6.908	HH	277	1940	0.16%	0.007%
74	6.928	6.908	6.964	HH	563	11364	0.95%	0.043%
75	6.968	6.964	6.979	HH	300	2236	0.19%	0.009%
76	6.985	6.979	6.993	HH	228	1557	0.13%	0.006%
77	7.009	6.993	7.039	HH	267	5469	0.46%	0.021%
78	7.051	7.039	7.069	HH	283	3852	0.32%	0.015%
79	7.075	7.069	7.091	HH	205	1476	0.12%	0.006%
80	7.132	7.091	7.159	HH	349	7560	0.63%	0.029%
81	7.179	7.159	7.197	HH	254	4311	0.36%	0.016%
82	7.202	7.197	7.219	HH	175	1619	0.13%	0.006%
83	7.247	7.219	7.278	HH	195	4464	0.37%	0.017%
84	7.280	7.278	7.284	HH	125	407	0.03%	0.002%
85	7.341	7.284	7.387	HH	1379	28759	2.39%	0.110%
86	7.392	7.387	7.414	HH	488	5511	0.46%	0.021%
87	7.425	7.414	7.459	HH	325	6290	0.52%	0.024%
88	7.495	7.459	7.510	HH	2212	25135	2.09%	0.096%
89	7.522	7.510	7.560	HH	1142	16912	1.41%	0.065%

					rteres			
90	7.579	7.560	7.609	HH	300	5615	0.47%	0.021%
91	7.634	7.609	7.659	HH	1702	19467	1.62%	0.074%
92	7.673	7.659	7.695	HH	312	4811	0.40%	0.018%
93	7.705	7.695	7.717	HH	238	2584	0.22%	0.010%
94	7.727	7.717	7.750	HH	172	2356	0.20%	0.009%
95	7.758	7.750	7.782	HH	204	2492	0.21%	0.010%
96	7.806	7.782	7.822	HH	485	6969	0.58%	0.027%
97	7.829	7.822	7.850	HH	223	2297	0.19%	0.009%
98	7.862	7.850	7.881	HH	325	4519	0.38%	0.017%
99	7.887	7.881	7.905	HH	278	2929	0.24%	0.011%
100	7.925	7.905	7.932	HH	305	3694	0.31%	0.014%
101	7.938	7.932	7.954	HH	332	3316	0.28%	0.013%
102	7.966	7.954	8.017	HH	556	9786	0.81%	0.037%
103	8.057	8.017	8.074	HH	205	4940	0.41%	0.019%
104	8.098	8.074	8.174	HH	2269	30652	2.55%	0.117%
105	8.179	8.174	8.183	HH	212	984	0.08%	0.004%
106	8.187	8.183	8.212	HH	258	3082	0.26%	0.012%
107	8.235	8.212	8.251	HH	1323	19121	1.59%	0.073%
108	8.268	8.251	8.292	HH	2928	33501	2.79%	0.128%
109	8.296	8.292	8.328	HH	383	6214	0.52%	0.024%
110	8.341	8.328	8.364	HH	257	3265	0.27%	0.012%
111	8.398	8.364	8.430	HH	561	11123	0.93%	0.043%
112	8.444	8.430	8.482	HH	328	7342	0.61%	0.028%
113	8.497	8.482	8.505	HH	671	6965	0.58%	0.027%
114	8.515	8.505	8.559	HH	788	12294	1.02%	0.047%
115	8.585	8.559	8.600	HH	617	10604	0.88%	0.041%
116	8.620	8.600	8.636	HH	1416	18572	1.55%	0.071%
117	8.653	8.636	8.677	HH	1319	24804	2.06%	0.095%
118	8.693	8.677	8.732	HH	1391	24876	2.07%	0.095%
119	8.746	8.732	8.763	HH	404	6111	0.51%	0.023%
120	8.806	8.763	8.855	HH	1284	31038	2.58%	0.119%
121	8.859	8.855	8.871	HH	272	2313	0.19%	0.009%
122	8.894	8.871	8.917	HH	454	8019	0.67%	0.031%
123	8.941	8.917	8.976	HH	306	6358	0.53%	0.024%
124	8.997	8.976	9.011	HH	536	6776	0.56%	0.026%
125	9.025	9.011	9.033	HH	365	3906	0.33%	0.015%
126	9.057	9.033	9.071	HH	693	11730	0.98%	0.045%
127	9.075	9.071	9.084	HH	546	3959	0.33%	0.015%
128	9.107	9.084	9.131	HH	4717	53341	4.44%	0.204%
129	9.167	9.131	9.187	HH	1359	26425	2.20%	0.101%
130	9.198	9.187	9.212	HH	513	6226	0.52%	0.024%
131	9.234	9.212	9.282	HH	547	17542	1.46%	0.067%
132	9.288	9.282	9.312	HH	331	5118	0.43%	0.020%
133	9.324	9.312	9.337	HH	485	6343	0.53%	0.024%
134	9.352	9.337	9.365	HH	999	11723	0.98%	0.045%
135	9.383	9.365	9.400	HH	2576	29843	2.48%	0.114%
136	9.422	9.400	9.461	HH	1792	37185	3.09%	0.142%
137	9.474	9.461	9.497	HH	564	8858	0.74%	0.034%
138	9.526	9.497	9.548	HH	1091	18798	1.56%	0.072%
139	9.560	9.548	9.595	HH	666	12343	1.03%	0.047%
140	9.600	9.595	9.614	HH	251	2401	0.20%	0.009%
141	9.634	9.614	9.656	HH	353	6438	0.54%	0.025%

					rteres			
142	9.680	9.656	9.695	HH	560	8914	0.74%	0.034%
143	9.713	9.695	9.739	HH	712	12006	1.00%	0.046%
144	9.741	9.739	9.752	HH	400	2697	0.22%	0.010%
145	9.762	9.752	9.777	HH	381	4555	0.38%	0.017%
146	9.818	9.777	9.845	HH	733	17746	1.48%	0.068%
147	9.865	9.845	9.882	HH	1141	18345	1.53%	0.070%
148	9.902	9.882	9.932	HH	4656	64601	5.38%	0.247%
149	9.939	9.932	9.944	HH	591	3887	0.32%	0.015%
150	9.951	9.944	9.962	HH	572	5753	0.48%	0.022%
151	9.983	9.962	10.012	HH	1062	20003	1.66%	0.076%
152	10.025	10.012	10.039	HH	806	10329	0.86%	0.039%
153	10.055	10.039	10.073	HH	1289	18875	1.57%	0.072%
154	10.086	10.073	10.099	HH	660	8950	0.74%	0.034%
155	10.114	10.099	10.130	HH	889	12784	1.06%	0.049%
156	10.150	10.130	10.160	HH	1733	21247	1.77%	0.081%
157	10.181	10.160	10.206	HH	21461	225935	18.80%	0.863%
158	10.228	10.206	10.237	HH	1360	17647	1.47%	0.067%
159	10.248	10.237	10.289	HH	1161	22963	1.91%	0.088%
160	10.325	10.289	10.369	HH	2230	50268	4.18%	0.192%
161	10.401	10.369	10.411	HH	1272	20507	1.71%	0.078%
162	10.417	10.411	10.451	HH	1174	16768	1.40%	0.064%
163	10.456	10.451	10.465	HH	423	3599	0.30%	0.014%
164	10.476	10.465	10.480	HH	478	3920	0.33%	0.015%
165	10.490	10.480	10.509	HH	504	7745	0.64%	0.030%
166	10.513	10.509	10.521	HH	402	2801	0.23%	0.011%
167	10.539	10.521	10.563	HH	432	8923	0.74%	0.034%
168	10.568	10.563	10.581	HH	457	4076	0.34%	0.016%
169	10.587	10.581	10.608	HH	459	6540	0.54%	0.025%
170	10.622	10.608	10.635	HH	520	7164	0.60%	0.027%
171	10.658	10.635	10.688	HH	1524	26672	2.22%	0.102%
172	10.705	10.688	10.722	HH	893	14490	1.21%	0.055%
173	10.762	10.722	10.775	HH	1137	30604	2.55%	0.117%
174	10.791	10.775	10.817	HH	1625	28122	2.34%	0.107%
175	10.834	10.817	10.852	HH	1080	18500	1.54%	0.071%
176	10.864	10.852	10.887	HH	879	15852	1.32%	0.061%
177	10.911	10.887	10.935	HH	1345	28055	2.33%	0.107%
178	10.939	10.935	10.945	HH	1086	6338	0.53%	0.024%
179	10.960	10.945	10.991	HH	1827	32927	2.74%	0.126%
180	11.011	10.991	11.030	HH	1626	26967	2.24%	0.103%
181	11.058	11.030	11.070	HH	1498	27614	2.30%	0.106%
182	11.082	11.070	11.095	HH	1386	16954	1.41%	0.065%
183	11.118	11.095	11.141	HH	2242	43207	3.60%	0.165%
184	11.154	11.141	11.185	HH	1296	30146	2.51%	0.115%
185	11.212	11.185	11.247	HH	1191	36171	3.01%	0.138%
186	11.251	11.247	11.254	HH	816	3242	0.27%	0.012%
187	11.258	11.254	11.265	HH	882	5841	0.49%	0.022%
188	11.286	11.265	11.295	HH	1706	23640	1.97%	0.090%
189	11.317	11.295	11.339	HH	28210	312681	26.02%	1.195%
190	11.348	11.339	11.370	HH	1766	27938	2.33%	0.107%
191	11.392	11.370	11.451	HH	7291	119436	9.94%	0.456%
192	11.461	11.451	11.480	HH	1120	18411	1.53%	0.070%
193	11.486	11.480	11.507	HH	1178	17583	1.46%	0.067%
194	11.512	11.507	11.528	HH	1034	12636	1.05%	0.048%

					rteres			
195	11.534	11.528	11.542	HH	1010	7819	0.65%	0.030%
196	11.562	11.542	11.584	HH	1352	29166	2.43%	0.111%
197	11.605	11.584	11.653	HH	3139	64660	5.38%	0.247%
198	11.738	11.653	11.752	HH	1794	72881	6.07%	0.278%
199	11.768	11.752	11.790	HH	2062	36214	3.01%	0.138%
200	11.796	11.790	11.799	HH	1188	5936	0.49%	0.023%
201	11.846	11.799	11.892	HH	2468	92084	7.66%	0.352%
202	11.926	11.892	11.945	HH	2064	49239	4.10%	0.188%
203	11.964	11.945	11.994	HH	2080	47876	3.98%	0.183%
204	12.015	11.994	12.037	HH	2095	42356	3.53%	0.162%
205	12.085	12.037	12.107	HH	2287	76454	6.36%	0.292%
206	12.127	12.107	12.142	HH	4113	58964	4.91%	0.225%
207	12.158	12.142	12.179	HH	5084	72857	6.06%	0.278%
208	12.186	12.179	12.205	HH	2131	29616	2.46%	0.113%
209	12.244	12.205	12.263	HH	4868	106992	8.90%	0.409%
210	12.277	12.263	12.292	HH	3159	45961	3.83%	0.176%
211	12.308	12.292	12.337	HH	4056	72078	6.00%	0.275%
212	12.349	12.337	12.365	HH	1782	27005	2.25%	0.103%
213	12.384	12.365	12.405	HH	1900	41886	3.49%	0.160%
214	12.442	12.405	12.463	HH	2971	78503	6.53%	0.300%
215	12.485	12.463	12.517	HH	3071	75672	6.30%	0.289%
216	12.535	12.517	12.566	HH	3604	75446	6.28%	0.288%
217	12.606	12.566	12.625	HH	3861	91787	7.64%	0.351%
218	12.641	12.625	12.652	HH	2451	37669	3.13%	0.144%
219	12.695	12.652	12.772	HH	77630	1128370	93.91%	4.312%
220	12.780	12.772	12.797	HH	3388	47156	3.92%	0.180%
221	12.811	12.797	12.815	HH	3128	32244	2.68%	0.123%
222	12.834	12.815	12.872	HH	5038	125849	10.47%	0.481%
223	12.875	12.872	12.892	HH	2884	32740	2.72%	0.125%
224	12.916	12.892	12.964	HH	6819	163091	13.57%	0.623%
225	12.984	12.964	12.996	HH	3072	52486	4.37%	0.201%
226	13.004	12.996	13.012	HH	2801	26538	2.21%	0.101%
227	13.033	13.012	13.053	HH	4389	85862	7.15%	0.328%
228	13.088	13.053	13.124	HH	4602	145048	12.07%	0.554%
229	13.152	13.124	13.202	HH	33776	462975	38.53%	1.769%
230	13.213	13.202	13.226	HH	2757	37778	3.14%	0.144%
231	13.269	13.226	13.279	HH	2946	86472	7.20%	0.330%
232	13.291	13.279	13.298	HH	2897	32000	2.66%	0.122%
233	13.309	13.298	13.325	HH	3049	48547	4.04%	0.185%
234	13.343	13.325	13.420	HH	3815	176076	14.65%	0.673%
235	13.453	13.420	13.477	HH	26969	364896	30.37%	1.394%
236	13.489	13.477	13.494	HH	4395	42884	3.57%	0.164%
237	13.510	13.494	13.525	HH	5893	90026	7.49%	0.344%
238	13.541	13.525	13.567	HH	5738	105888	8.81%	0.405%
239	13.583	13.567	13.600	HH	3088	60371	5.02%	0.231%
240	13.627	13.600	13.638	HH	3943	81159	6.75%	0.310%
241	13.650	13.638	13.674	HH	3927	73675	6.13%	0.282%
242	13.716	13.674	13.740	HH	4990	154592	12.87%	0.591%
243	13.758	13.740	13.774	HH	3625	69926	5.82%	0.267%
244	13.794	13.774	13.819	HH	4230	103172	8.59%	0.394%
245	13.831	13.819	13.837	HH	3826	40705	3.39%	0.156%
246	13.851	13.837	13.872	HH	4218	81710	6.80%	0.312%

					rteres			
247	13.934	13.872	14.005	HH	22972	566718	47.16%	2.165%
248	14.045	14.005	14.073	HH	7960	217727	18.12%	0.832%
249	14.078	14.073	14.085	HH	3762	28270	2.35%	0.108%
250	14.114	14.085	14.132	HH	4252	110611	9.21%	0.423%
251	14.154	14.132	14.176	HH	6785	134111	11.16%	0.512%
252	14.194	14.176	14.212	HH	5383	100318	8.35%	0.383%
253	14.245	14.212	14.269	HH	5734	158711	13.21%	0.606%
254	14.296	14.269	14.305	HH	6027	108955	9.07%	0.416%
255	14.322	14.305	14.346	HH	6671	139054	11.57%	0.531%
256	14.367	14.346	14.412	HH	5537	174359	14.51%	0.666%
257	14.438	14.412	14.459	HH	4325	113734	9.47%	0.435%
258	14.477	14.459	14.486	HH	3960	64824	5.39%	0.248%
259	14.507	14.486	14.514	HH	4068	65520	5.45%	0.250%
260	14.530	14.514	14.552	HH	4450	97434	8.11%	0.372%
261	14.560	14.552	14.565	HH	4104	31238	2.60%	0.119%
262	14.577	14.565	14.598	HH	4214	80759	6.72%	0.309%
263	14.603	14.598	14.607	HH	4019	22074	1.84%	0.084%
264	14.633	14.607	14.646	HH	4178	94242	7.84%	0.360%
265	14.690	14.646	14.716	HH	6181	207268	17.25%	0.792%
266	14.725	14.716	14.732	HH	4881	47817	3.98%	0.183%
267	14.743	14.732	14.754	HH	5015	64386	5.36%	0.246%
268	14.759	14.754	14.767	HH	4927	38680	3.22%	0.148%
269	14.784	14.767	14.837	HH	5803	209594	17.44%	0.801%
270	14.862	14.837	14.884	HH	9063	182545	15.19%	0.698%
271	14.889	14.884	14.911	HH	5194	81936	6.82%	0.313%
272	14.966	14.911	15.007	HH	7105	311629	25.93%	1.191%
273	15.030	15.007	15.052	HH	7829	163982	13.65%	0.627%
274	15.084	15.052	15.113	HH	6854	213364	17.76%	0.815%
275	15.142	15.113	15.147	HH	5232	101250	8.43%	0.387%
276	15.151	15.147	15.168	HH	5211	65430	5.45%	0.250%
277	15.200	15.168	15.237	HH	75782	1201595	100.00%	4.591%
278	15.246	15.237	15.275	HH	5673	124470	10.36%	0.476%
279	15.300	15.275	15.315	HH	5735	130732	10.88%	0.500%
280	15.342	15.315	15.363	HH	19604	314888	26.21%	1.203%
281	15.384	15.363	15.430	HH	18103	390538	32.50%	1.492%
282	15.448	15.430	15.472	HH	6602	152320	12.68%	0.582%
283	15.507	15.472	15.532	HH	8191	233375	19.42%	0.892%
284	15.546	15.532	15.562	HH	6260	107896	8.98%	0.412%
285	15.587	15.562	15.624	HH	7030	234503	19.52%	0.896%
286	15.643	15.624	15.665	HH	7045	160350	13.34%	0.613%
287	15.689	15.665	15.755	HH	6737	338098	28.14%	1.292%
288	15.785	15.755	15.866	HH	36999	880574	73.28%	3.365%
289	15.887	15.866	15.902	HH	7273	146983	12.23%	0.562%
290	15.929	15.902	15.964	HH	13690	338734	28.19%	1.294%
291	15.982	15.964	15.994	HH	7572	129942	10.81%	0.497%
292	16.020	15.994	16.041	HH	10069	235139	19.57%	0.898%
293	16.060	16.041	16.086	HH	8147	195422	16.26%	0.747%
294	16.104	16.086	16.122	HH	7156	146377	12.18%	0.559%
295	16.138	16.122	16.145	HH	6853	96262	8.01%	0.368%
296	16.184	16.145	16.227	HH	8726	373708	31.10%	1.428%
297	16.260	16.227	16.287	HH	7559	256254	21.33%	0.979%
298	16.307	16.287	16.335	HH	8358	218785	18.21%	0.836%
299	16.348	16.335	16.365	HH	7677	137812	11.47%	0.527%

					rteres			
300	16.372	16.365	16.380	HH	7729	65552	5.46%	0.250%
301	16.392	16.380	16.412	HH	7961	148442	12.35%	0.567%
302	16.434	16.412	16.475	HH	10864	326664	27.19%	1.248%
303	16.498	16.475	16.520	HH	8841	215289	17.92%	0.823%
304	16.530	16.520	16.545	HH	7566	112878	9.39%	0.431%
305	16.556	16.545	16.594	HH	7465	214461	17.85%	0.819%
306	16.633	16.594	16.651	HH	8690	280356	23.33%	1.071%
307	16.663	16.651	16.676	HH	8264	118705	9.88%	0.454%
308	16.694	16.676	16.710	HH	8675	171432	14.27%	0.655%
309	16.733	16.710	16.763	HH	8863	269924	22.46%	1.031%
310	16.808	16.763	16.859	HH	19047	670029	55.76%	2.560%
311	16.917	16.859	16.969	HH	30041	993495	82.68%	3.796%
312	17.003	16.969	17.020	HH	10578	300397	25.00%	1.148%
313	17.050	17.020	17.135	HH	31130	964163	80.24%	3.684%
314	17.175	17.135	17.204	HH	11040	429304	35.73%	1.640%
315	17.235	17.204	17.263	HH	18123	466755	38.84%	1.783%
316	17.292	17.263	17.340	HH	22207	619384	51.55%	2.367%
317	17.392	17.340	17.414	HH	16407	559025	46.52%	2.136%
318	17.467	17.414	17.492	HH	15220	578653	48.16%	2.211%
					Sum of corrected areas:		26170870	

FG061325.M Wed Jul 09 05:46:21 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-13	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	Diesel Range Organics
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016120.D	10	07/08/25 08:35	07/09/25 12:04	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	137000		1880	18500	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.57		37 - 130	78%	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\FF070925\
Data File : FF016120.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 12:04
Operator : YP\AJ
Sample : Q2487-13 10X
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G2(0-6)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.104	189310	1.568 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016120.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 12:04
Operator : YP\AJ
Sample : Q2487-13 10X
Misc :
ALS Vial : 72 Sample Multiplier: 1

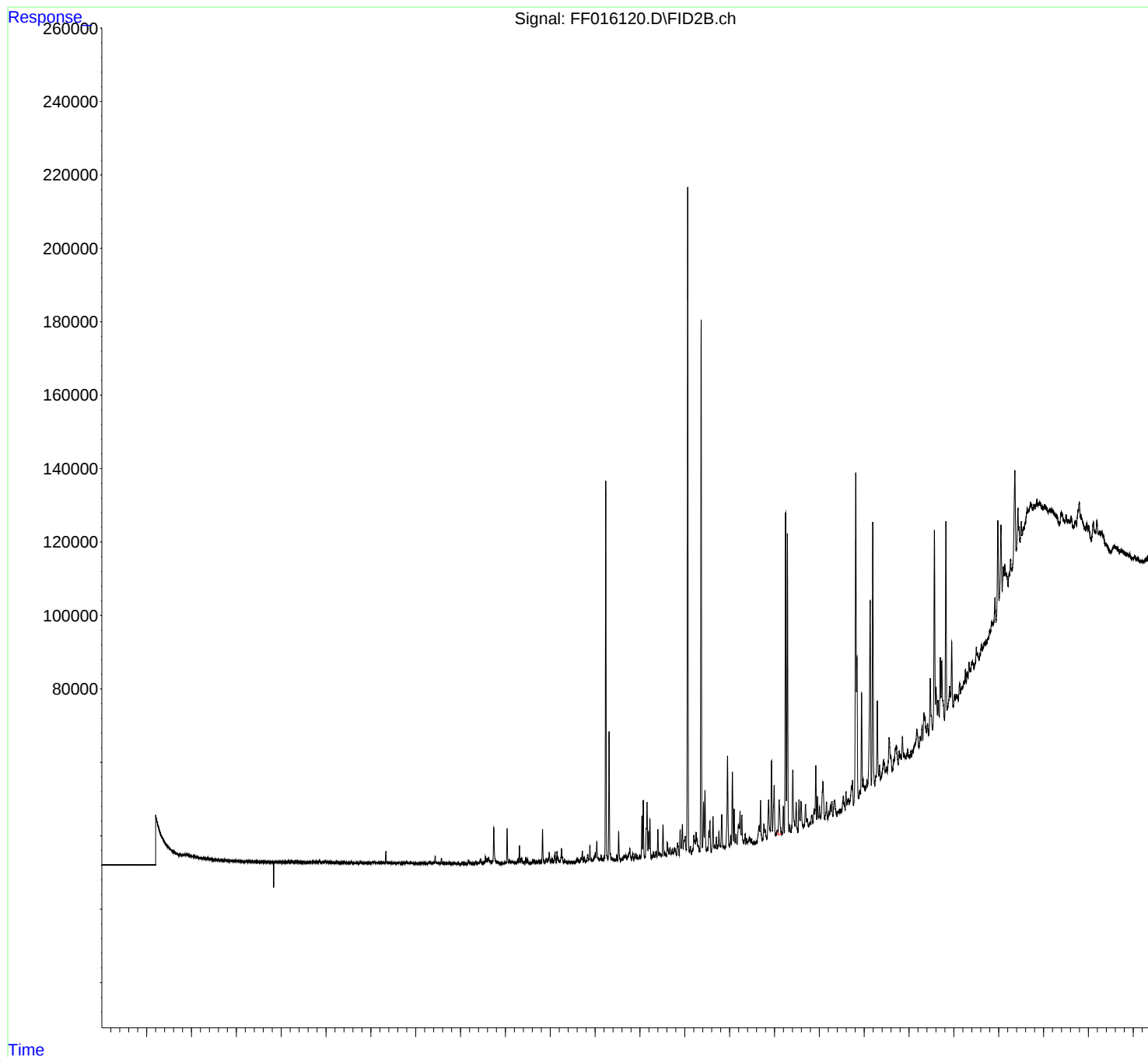
Instrument :
FID_F
ClientSampleId :
G2(0-6)

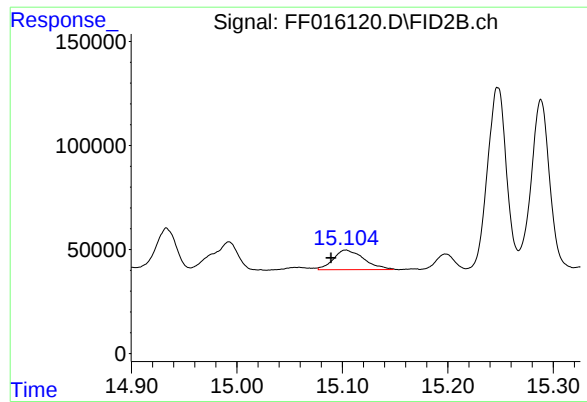
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.104 min
Delta R.T.: 0.014 min
Response: 189310
Conc: 1.57 ug/ml

Instrument :
FID_F
ClientSampleId :
G2(0-6)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016120.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 12:04
 Sample : Q2487-13 10X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max	% of total
1	6.334	6.314	6.401	PH	2764	14294	0.67%	0.029%
2	7.433	7.407	7.453	PH	1289	5281	0.25%	0.011%
3	8.553	8.495	8.569	PH	1398	2428	0.11%	0.005%
4	8.582	8.569	8.595	PH	781	5500	0.26%	0.011%
5	8.627	8.595	8.653	HH	908	15006	0.71%	0.030%
6	8.741	8.689	8.811	PH	9261	110387	5.20%	0.221%
7	9.038	9.005	9.064	PH	8998	80236	3.78%	0.161%
8	9.281	9.239	9.295	PH	791	1246	0.06%	0.002%
9	9.313	9.295	9.334	PH	4365	39817	1.87%	0.080%
10	9.358	9.334	9.391	PH	950	10173	0.48%	0.020%
11	9.453	9.419	9.476	PH	941	3257	0.15%	0.007%
12	9.492	9.476	9.531	PH	659	-2157	-0.10%	-0.004%
13	9.609	9.573	9.624	PH	514	-2602	-0.12%	-0.005%
14	9.640	9.624	9.662	PH	461	-605	-0.03%	-0.001%
15	9.745	9.713	9.769	PH	485	-3135	-0.15%	-0.006%
16	9.790	9.769	9.807	PH	269	-1026	-0.05%	-0.002%
17	9.828	9.807	9.886	PH	8908	86825	4.09%	0.174%
18	9.908	9.886	9.936	PH	870	7966	0.37%	0.016%
19	9.951	9.936	9.960	PH	650	4871	0.23%	0.010%
20	9.978	9.960	9.999	HH	2480	29343	1.38%	0.059%
21	10.008	9.999	10.022	HH	183	639	0.03%	0.001%
22	10.041	10.022	10.069	PH	960	6837	0.32%	0.014%
23	10.106	10.069	10.129	PH	2381	28203	1.33%	0.057%

Instrument :
 FID_F
 ClientSampleId :
 G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

24	10.152	10.129	10.215	PH	2642	33326	1.57%	0.067%
25	10.252	10.215	10.295	PH	3454	52664	2.48%	0.106%
26	10.316	10.295	10.338	PH	315	-32	-0.00%	-0.000%
27	10.600	10.586	10.615	HH	998	8311	0.39%	0.017%
28	10.628	10.615	10.650	PH	385	2220	0.10%	0.004%
29	10.687	10.650	10.697	PH	898	10355	0.49%	0.021%
30	10.715	10.697	10.737	HH	2841	32231	1.52%	0.065%
31	10.755	10.737	10.790	PH	1209	12981	0.61%	0.026%
32	10.805	10.790	10.810	PH	128	1009	0.05%	0.002%
33	10.833	10.810	10.863	HH	1916	29791	1.40%	0.060%
34	10.883	10.863	10.944	HH	4295	62188	2.93%	0.125%
35	10.977	10.944	10.988	HH	1378	21236	1.00%	0.043%
36	11.004	10.988	11.016	HH	2451	29320	1.38%	0.059%
37	11.038	11.016	11.096	HH	5198	95582	4.50%	0.192%
38	11.110	11.096	11.117	HH	734	8062	0.38%	0.016%
39	11.136	11.117	11.154	HH	1717	21663	1.02%	0.043%
40	11.167	11.154	11.187	HH	683	10530	0.50%	0.021%
41	11.205	11.187	11.212	HH	1500	14807	0.70%	0.030%
42	11.238	11.212	11.282	HH	103729	1100058	51.78%	2.206%
43	11.312	11.282	11.358	HH	35387	404703	19.05%	0.811%
44	11.371	11.358	11.377	HH	844	8798	0.41%	0.018%
45	11.379	11.377	11.402	HH	811	9367	0.44%	0.019%
46	11.413	11.402	11.418	HH	493	4450	0.21%	0.009%
47	11.422	11.418	11.431	HH	464	3282	0.15%	0.007%
48	11.436	11.431	11.462	HH	507	8313	0.39%	0.017%
49	11.482	11.462	11.503	HH	1749	22267	1.05%	0.045%
50	11.525	11.503	11.572	HH	7887	98806	4.65%	0.198%
51	11.604	11.572	11.610	HH	801	12454	0.59%	0.025%
52	11.646	11.610	11.661	HH	1607	34394	1.62%	0.069%
53	11.683	11.661	11.706	HH	1842	35308	1.66%	0.071%
54	11.774	11.706	11.810	HH	3488	105607	4.97%	0.212%
55	11.840	11.810	11.861	HH	2196	38829	1.83%	0.078%
56	11.892	11.861	11.914	HH	2119	40882	1.92%	0.082%
57	11.932	11.914	11.949	HH	1728	26153	1.23%	0.052%
58	11.992	11.949	12.011	HH	1591	41668	1.96%	0.084%
59	12.044	12.011	12.058	HH	12451	152895	7.20%	0.307%
60	12.074	12.058	12.099	HH	16710	190465	8.97%	0.382%
61	12.109	12.099	12.115	HH	1303	11917	0.56%	0.024%
62	12.158	12.115	12.177	HH	16136	287002	13.51%	0.575%

Instrument :

FID_F

ClientSampleId :

G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

63	12.191	12.177	12.206	HH	8060	94786	4.46%	0.190%
64	12.222	12.206	12.249	HH	11516	152601	7.18%	0.306%
65	12.267	12.249	12.278	HH	1565	22641	1.07%	0.045%
66	12.300	12.278	12.326	HH	2545	50770	2.39%	0.102%
67	12.358	12.326	12.378	HH	2723	60641	2.85%	0.122%
68	12.400	12.378	12.421	HH	8724	113490	5.34%	0.228%
69	12.435	12.421	12.469	HH	2341	57503	2.71%	0.115%
70	12.477	12.469	12.486	HH	1750	17255	0.81%	0.035%
71	12.515	12.486	12.536	HH	10026	140736	6.62%	0.282%
72	12.548	12.536	12.560	HH	2401	31810	1.50%	0.064%
73	12.573	12.560	12.592	HH	2095	34682	1.63%	0.070%
74	12.608	12.592	12.643	HH	5128	102479	4.82%	0.205%
75	12.667	12.643	12.691	HH	3760	80447	3.79%	0.161%
76	12.718	12.691	12.734	HH	3416	69922	3.29%	0.140%
77	12.766	12.734	12.778	HH	3631	76358	3.59%	0.153%
78	12.789	12.778	12.814	HH	3331	56540	2.66%	0.113%
79	12.839	12.814	12.874	HH	5113	122515	5.77%	0.246%
80	12.896	12.874	12.920	HH	8454	137215	6.46%	0.275%
81	12.946	12.920	12.965	HH	10105	174761	8.23%	0.350%
82	13.008	12.965	13.027	HH	6842	196354	9.24%	0.394%
83	13.065	13.027	13.104	HH	183549	2124476	100.00%	4.259%
84	13.124	13.104	13.143	HH	4110	73539	3.46%	0.147%
85	13.166	13.143	13.170	HH	2943	41920	1.97%	0.084%
86	13.201	13.170	13.216	HH	7077	135262	6.37%	0.271%
87	13.223	13.216	13.235	HH	5721	62815	2.96%	0.126%
88	13.251	13.235	13.335	HH	7935	293762	13.83%	0.589%
89	13.365	13.335	13.389	HH	147974	1677948	78.98%	3.364%
90	13.419	13.389	13.434	HH	16042	237076	11.16%	0.475%
91	13.450	13.434	13.481	HH	19204	280186	13.19%	0.562%
92	13.500	13.481	13.516	HH	3571	68217	3.21%	0.137%
93	13.536	13.516	13.545	HH	8232	103750	4.88%	0.208%
94	13.560	13.545	13.586	HH	10937	170094	8.01%	0.341%
95	13.629	13.586	13.653	HH	12278	246431	11.60%	0.494%
96	13.666	13.653	13.680	HH	4175	64178	3.02%	0.129%
97	13.703	13.680	13.724	HH	6672	129113	6.08%	0.259%
98	13.736	13.724	13.744	HH	4585	50866	2.39%	0.102%
99	13.760	13.744	13.781	HH	8072	127740	6.01%	0.256%
100	13.787	13.781	13.799	HH	4357	44499	2.09%	0.089%
101	13.824	13.799	13.850	HH	12789	243734	11.47%	0.489%

Instrument :

FID_F

ClientSampleId :

G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

102	13.861	13.850	13.866	HH	4084	36530	1.72%	0.073%
103	13.872	13.866	13.879	HH	4039	31762	1.50%	0.064%
104	13.890	13.879	13.906	HH	4019	63230	2.98%	0.127%
105	13.953	13.906	13.994	HH	28763	581526	27.37%	1.166%

106	14.022	13.994	14.038	HH	6984	141809	6.68%	0.284%
107	14.062	14.038	14.084	HH	24261	373046	17.56%	0.748%
108	14.101	14.084	14.123	HH	14305	218612	10.29%	0.438%
109	14.141	14.123	14.164	HH	7526	151878	7.15%	0.305%
110	14.198	14.164	14.216	HH	9789	250335	11.78%	0.502%

111	14.232	14.216	14.254	HH	13402	230936	10.87%	0.463%
112	14.272	14.254	14.312	HH	12613	276256	13.00%	0.554%
113	14.346	14.312	14.365	HH	7559	194999	9.18%	0.391%
114	14.383	14.365	14.405	HH	6195	132206	6.22%	0.265%
115	14.439	14.405	14.469	HH	6526	223889	10.54%	0.449%

116	14.486	14.469	14.511	HH	6150	138652	6.53%	0.278%
117	14.514	14.511	14.529	HH	5130	54951	2.59%	0.110%
118	14.540	14.529	14.553	HH	5440	75098	3.53%	0.151%
119	14.557	14.553	14.568	HH	5188	45461	2.14%	0.091%
120	14.573	14.568	14.576	HH	4913	24759	1.17%	0.050%

121	14.592	14.576	14.607	HH	5398	95483	4.49%	0.191%
122	14.655	14.607	14.671	HH	9714	292476	13.77%	0.586%
123	14.689	14.671	14.722	HH	16604	316040	14.88%	0.634%
124	14.764	14.722	14.782	HH	10099	274193	12.91%	0.550%
125	14.795	14.782	14.831	HH	8549	217539	10.24%	0.436%

126	14.868	14.831	14.904	HH	16873	473287	22.28%	0.949%
127	14.933	14.904	14.956	HH	27348	499098	23.49%	1.001%
128	14.993	14.956	15.028	HH	20765	540945	25.46%	1.085%
129	15.059	15.028	15.074	HH	8542	218979	10.31%	0.439%
130	15.103	15.074	15.154	HH	16798	545548	25.68%	1.094%

131	15.168	15.154	15.174	HH	7717	91379	4.30%	0.183%
132	15.198	15.174	15.218	HH	14900	282347	13.29%	0.566%
133	15.247	15.218	15.267	HH	94916	1316708	61.98%	2.640%
134	15.288	15.267	15.320	HH	89058	1230443	57.92%	2.467%
135	15.336	15.320	15.366	HH	9970	244332	11.50%	0.490%

136	15.408	15.366	15.458	HH	24842	740619	34.86%	1.485%
137	15.484	15.458	15.517	HH	16020	410870	19.34%	0.824%
138	15.547	15.517	15.572	HH	16828	396178	18.65%	0.794%
139	15.592	15.572	15.641	HH	16391	507069	23.87%	1.017%
140	15.691	15.641	15.716	HH	15555	520996	24.52%	1.045%

Instrument :

FID_F

ClientSampleId :

G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

141	15.734	15.716	15.754	HH	11576	250568	11.79%	0.502%
142	15.787	15.754	15.804	HH	10824	301784	14.21%	0.605%
143	15.831	15.804	15.858	HH	12601	371572	17.49%	0.745%
144	15.883	15.858	15.899	HH	14125	315592	14.86%	0.633%
145	15.921	15.899	15.942	HH	26182	465915	21.93%	0.934%
146	15.959	15.942	15.984	HH	17623	363185	17.10%	0.728%
147	16.005	15.984	16.023	HH	14827	305354	14.37%	0.612%
148	16.082	16.023	16.121	HH	21671	923251	43.46%	1.851%
149	16.159	16.121	16.189	HH	16052	546265	25.71%	1.095%
150	16.214	16.189	16.227	HH	13607	293136	13.80%	0.588%
151	16.245	16.227	16.260	HH	15285	277266	13.05%	0.556%
152	16.277	16.260	16.299	HH	16424	345469	16.26%	0.693%
153	16.339	16.299	16.386	HH	16739	762518	35.89%	1.529%
154	16.429	16.386	16.439	HH	13643	423860	19.95%	0.850%
155	16.460	16.439	16.480	HH	14297	337817	15.90%	0.677%
156	16.489	16.480	16.496	HH	13863	125653	5.91%	0.252%
157	16.535	16.496	16.575	HH	17805	741792	34.92%	1.487%
158	16.596	16.575	16.617	HH	19025	429985	20.24%	0.862%
159	16.646	16.617	16.666	HH	17156	476252	22.42%	0.955%
160	16.714	16.666	16.727	HH	20688	659451	31.04%	1.322%
161	16.738	16.727	16.761	HH	22054	396619	18.67%	0.795%
162	16.812	16.761	16.830	HH	105910	1942907	91.45%	3.895%
163	16.840	16.830	16.878	HH	55623	917685	43.20%	1.840%
164	16.899	16.878	16.915	HH	19213	409212	19.26%	0.820%
165	16.943	16.915	16.965	HH	45855	883239	41.57%	1.771%
166	16.977	16.965	16.991	HH	22402	335742	15.80%	0.673%
167	16.996	16.991	17.017	HH	20616	313200	14.74%	0.628%
168	17.028	17.017	17.043	HH	20543	311379	14.66%	0.624%
169	17.061	17.043	17.075	HH	22315	401288	18.89%	0.805%
170	17.134	17.075	17.160	HH	71070	1915262	90.15%	3.840%
171	17.192	17.160	17.237	HH	92214	1889113	88.92%	3.788%
172	17.256	17.237	17.261	HH	23295	313732	14.77%	0.629%
173	17.292	17.261	17.323	HH	43757	1120394	52.74%	2.246%
174	17.342	17.323	17.367	HH	26275	638455	30.05%	1.280%
175	17.437	17.367	17.474	HH	27520	1609920	75.78%	3.228%
176	17.495	17.474	17.514	HH	25542	598127	28.15%	1.199%
177	17.558	17.514	17.586	HH	33768	1256751	59.16%	2.520%
178	17.597	17.586	17.624	HH	28890	631214	29.71%	1.266%
179	17.629	17.624	17.636	HH	25097	168569	7.93%	0.338%
180	17.660	17.636	17.669	HH	27794	533548	25.11%	1.070%

Instrument :

FID_F

ClientSampleId :

G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

181 17.698 17.669 17.704 HH 30844 617665 29.07% 1.238%
Sum of corrected areas: 49876924

FF061325.M Thu Jul 10 03:59:59 2025

Instrument :
FID_F
ClientSampleId :
G2(0-6)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-14	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	67.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	Diesel Range Organics
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016121.D	5	07/08/25 08:35	07/09/25 12:34	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	161000		1250	12300	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	2.14		37 - 130	54%	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\FF070925\
Data File : FF016121.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 12:34
Operator : YP\AJ
Sample : Q2487-14 5X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G2(6-12)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.101	258648	2.142 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016121.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 12:34
Operator : YP\AJ
Sample : Q2487-14 5X
Misc :
ALS Vial : 73 Sample Multiplier: 1

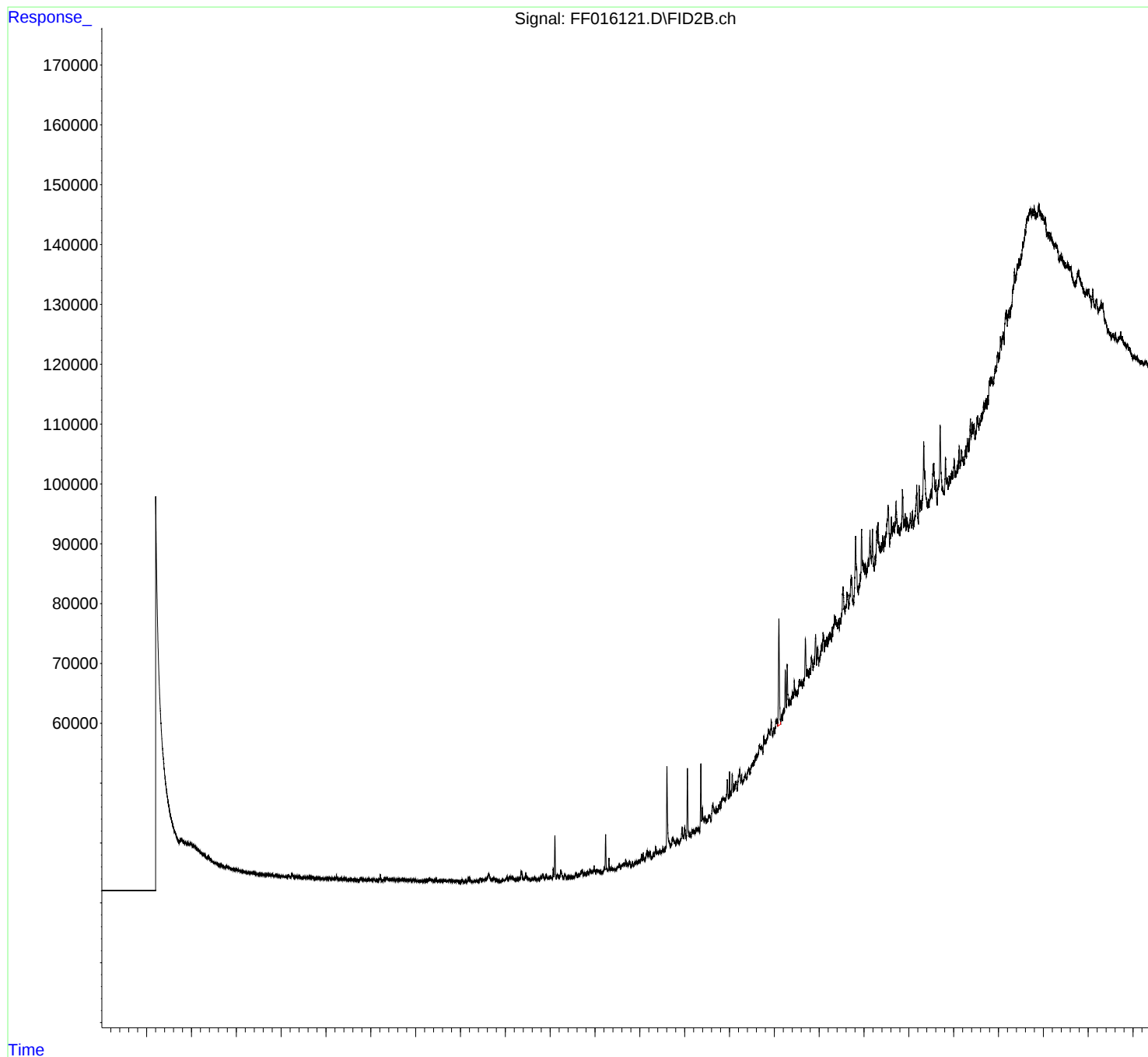
Instrument :
FID_F
ClientSampleId :
G2(6-12)

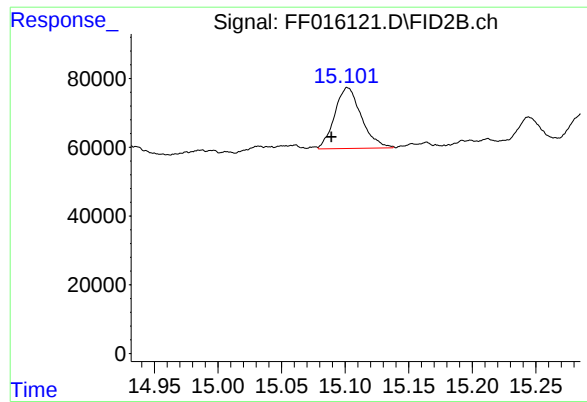
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 10 02:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.101 min
Delta R.T.: 0.012 min
Response: 258648
Conc: 2.14 ug/ml

Instrument :
FID_F
ClientSampleId :
G2(6-12)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016121.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 12:34

Sample : Q2487-14 5X

Misc :

ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	10.106	10.085	10.134	PH	4715	3692	0.09%	0.004%
2	11.237	11.215	11.286	PH	4935	20055	0.47%	0.023%
3	11.684	11.642	11.706	PH	775	4917	0.12%	0.006%
4	11.892	11.862	11.907	PH	340	2314	0.05%	0.003%
5	11.929	11.907	11.947	HH	487	5376	0.13%	0.006%
6	11.998	11.947	12.014	HH	638	15743	0.37%	0.018%
7	12.041	12.014	12.057	HH	1564	26574	0.62%	0.030%
8	12.074	12.057	12.114	HH	1892	34963	0.82%	0.039%
9	12.160	12.114	12.177	HH	2217	55535	1.31%	0.063%
10	12.192	12.177	12.207	HH	1946	29236	0.69%	0.033%
11	12.224	12.207	12.261	HH	2150	46185	1.09%	0.052%
12	12.296	12.261	12.319	HH	1770	46654	1.10%	0.053%
13	12.356	12.319	12.377	HH	2847	73189	1.72%	0.082%
14	12.384	12.377	12.422	HH	2024	49049	1.15%	0.055%
15	12.448	12.422	12.469	HH	2483	57518	1.35%	0.065%
16	12.516	12.469	12.534	HH	2755	85645	2.01%	0.096%
17	12.548	12.534	12.561	HH	2556	36623	0.86%	0.041%
18	12.605	12.561	12.679	HH	16170	380927	8.95%	0.429%
19	12.728	12.679	12.811	HH	4377	288554	6.78%	0.325%
20	12.829	12.811	12.844	HH	4229	78484	1.84%	0.088%
21	12.860	12.844	12.881	HH	3897	80735	1.90%	0.091%
22	12.944	12.881	12.974	HH	6178	256635	6.03%	0.289%
23	13.000	12.974	13.037	HH	6154	190662	4.48%	0.215%

Instrument :

FID_F

ClientSampleId :

G2(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

24	13.062	13.037	13.099	HH	15914	300079	7.05%	0.338%
25	13.119	13.099	13.141	HH	5206	123993	2.91%	0.140%
26	13.164	13.141	13.178	HH	5777	114027	2.68%	0.128%
27	13.192	13.178	13.209	HH	5629	101710	2.39%	0.115%
28	13.221	13.209	13.235	HH	5587	83620	1.97%	0.094%
29	13.257	13.235	13.288	HH	5930	181238	4.26%	0.204%
30	13.309	13.288	13.335	HH	6009	161241	3.79%	0.182%
31	13.361	13.335	13.381	HH	16819	280063	6.58%	0.315%
32	13.397	13.381	13.435	HH	9407	258160	6.07%	0.291%
33	13.452	13.435	13.479	HH	7908	196666	4.62%	0.221%
34	13.493	13.479	13.514	HH	7389	151375	3.56%	0.170%
35	13.554	13.514	13.591	HH	8227	355181	8.35%	0.400%
36	13.629	13.591	13.684	HH	10082	500158	11.76%	0.563%
37	13.698	13.684	13.717	HH	9456	179980	4.23%	0.203%
38	13.733	13.717	13.745	HH	9179	149944	3.52%	0.169%
39	13.760	13.745	13.772	HH	9898	152506	3.59%	0.172%
40	13.790	13.772	13.805	HH	10393	194652	4.58%	0.219%
41	13.828	13.805	13.839	HH	10895	207986	4.89%	0.234%
42	13.860	13.839	13.900	HH	10974	393772	9.26%	0.443%
43	13.952	13.900	13.976	HH	14136	537716	12.64%	0.606%
44	14.000	13.976	14.036	HH	13545	418117	9.83%	0.471%
45	14.061	14.036	14.083	HH	14897	373899	8.79%	0.421%
46	14.098	14.083	14.114	HH	13345	240468	5.65%	0.271%
47	14.130	14.114	14.169	HH	13679	435629	10.24%	0.491%
48	14.227	14.169	14.251	HH	15829	696514	16.37%	0.784%
49	14.271	14.251	14.291	HH	14931	338620	7.96%	0.381%
50	14.355	14.291	14.379	HH	14992	757491	17.81%	0.853%
51	14.431	14.379	14.466	HH	16007	794662	18.68%	0.895%
52	14.510	14.466	14.527	HH	16897	605679	14.24%	0.682%
53	14.538	14.527	14.551	HH	17267	235997	5.55%	0.266%
54	14.571	14.551	14.587	HH	17883	383505	9.02%	0.432%
55	14.669	14.587	14.709	HH	20104	1371749	32.25%	1.545%
56	14.719	14.709	14.742	HH	19756	385671	9.07%	0.434%
57	14.766	14.742	14.789	HH	21358	565205	13.29%	0.637%
58	14.798	14.789	14.814	HH	20779	302643	7.11%	0.341%
59	14.868	14.814	14.908	HH	22429	1205412	28.34%	1.358%
60	14.931	14.908	14.962	HH	23906	741244	17.42%	0.835%
61	14.987	14.962	15.014	HH	22744	686798	16.15%	0.773%
62	15.033	15.014	15.044	HH	23841	417713	9.82%	0.470%

Instrument :

FID_F

ClientSampleId :

G2(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

63	15.059	15.044	15.070	HH	24020	365095	8.58%	0.411%
64	15.102	15.070	15.140	HH	40837	1247028	29.31%	1.404%
65	15.163	15.140	15.176	HH	25096	514022	12.08%	0.579%
66	15.212	15.176	15.221	HH	26101	679160	15.97%	0.765%
67	15.245	15.221	15.267	HH	32302	792283	18.62%	0.892%
68	15.287	15.267	15.321	HH	33250	935070	21.98%	1.053%
69	15.346	15.321	15.372	HH	27573	825172	19.40%	0.929%
70	15.407	15.372	15.425	HH	28564	893363	21.00%	1.006%
71	15.445	15.425	15.464	HH	30619	682256	16.04%	0.768%
72	15.477	15.464	15.514	HH	28989	857783	20.16%	0.966%
73	15.558	15.514	15.584	HH	30852	1246442	29.30%	1.404%
74	15.606	15.584	15.626	HH	30743	753106	17.70%	0.848%
75	15.643	15.626	15.661	HH	30697	633758	14.90%	0.714%
76	15.694	15.661	15.722	HH	37629	1234972	29.03%	1.391%
77	15.734	15.722	15.749	HH	32312	513266	12.07%	0.578%
78	15.758	15.749	15.774	HH	32046	476246	11.20%	0.536%
79	15.789	15.774	15.804	HH	32589	578670	13.60%	0.652%
80	15.828	15.804	15.866	HH	34611	1235038	29.03%	1.391%
81	15.920	15.866	15.941	HH	38391	1587843	37.33%	1.788%
82	15.963	15.941	16.009	HH	36226	1408667	33.11%	1.586%
83	16.057	16.009	16.066	HH	36757	1210019	28.44%	1.363%
84	16.088	16.066	16.115	HH	38544	1102472	25.92%	1.242%
85	16.137	16.115	16.151	HH	37227	779301	18.32%	0.878%
86	16.166	16.151	16.190	HH	37793	880790	20.71%	0.992%
87	16.239	16.190	16.275	HH	38757	1932460	45.43%	2.176%
88	16.289	16.275	16.304	HH	39475	666378	15.66%	0.750%
89	16.338	16.304	16.411	HH	41664	2569751	60.41%	2.894%
90	16.436	16.411	16.451	HH	40932	978553	23.00%	1.102%
91	16.469	16.451	16.479	HH	41093	671657	15.79%	0.756%
92	16.532	16.479	16.576	HH	46184	2500392	58.78%	2.816%
93	16.620	16.576	16.659	HH	45391	2174009	51.11%	2.448%
94	16.714	16.659	16.765	HH	48322	2884582	67.81%	3.249%
95	16.813	16.765	16.875	HH	54563	3173895	74.61%	3.574%
96	16.946	16.875	17.019	HH	55860	4253931	100.00%	4.791%
97	17.035	17.019	17.068	HH	50037	1455837	34.22%	1.640%
98	17.095	17.068	17.112	HH	50925	1299167	30.54%	1.463%
99	17.133	17.112	17.166	HH	55391	1716754	40.36%	1.933%
100	17.189	17.166	17.228	HH	55807	1924409	45.24%	2.167%
101	17.249	17.228	17.258	HH	51170	906903	21.32%	1.021%

Instrument :

FID_F

ClientSampleId :

G2(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

102	17.289	17.258	17.305	HH	56189	1506809	35.42%	1.697%
103	17.315	17.305	17.402	HH	57097	3100563	72.89%	3.492%
104	17.418	17.402	17.441	HH	54225	1264467	29.72%	1.424%
105	17.460	17.441	17.469	HH	54646	906934	21.32%	1.021%
106	17.535	17.469	17.568	HH	59788	3365738	79.12%	3.790%
107	17.611	17.568	17.652	HH	57896	2775813	65.25%	3.126%
108	17.713	17.652	17.752	HH	60271	3431381	80.66%	3.864%
109	17.770	17.752	17.802	HH	56419	1672460	39.32%	1.883%
110	17.859	17.802	17.882	HH	62368	2780683	65.37%	3.132%

Sum of corrected areas: 88795699

FF061325.M Thu Jul 10 04:04:10 2025

Instrument :

FID_F

ClientSampleId :

G2(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	80.7
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016122.D	10	07/08/25 08:35	07/09/25 13:04	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	132000		2090	20600	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.27		37 - 130	64%	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\FF070925\
Data File : FF016122.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 13:04
Operator : YP\AJ
Sample : Q2487-15 10X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G1(0-6)

Integration File: autoint1.e
Quant Time: Jul 10 02:51:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.102	153372	1.270 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

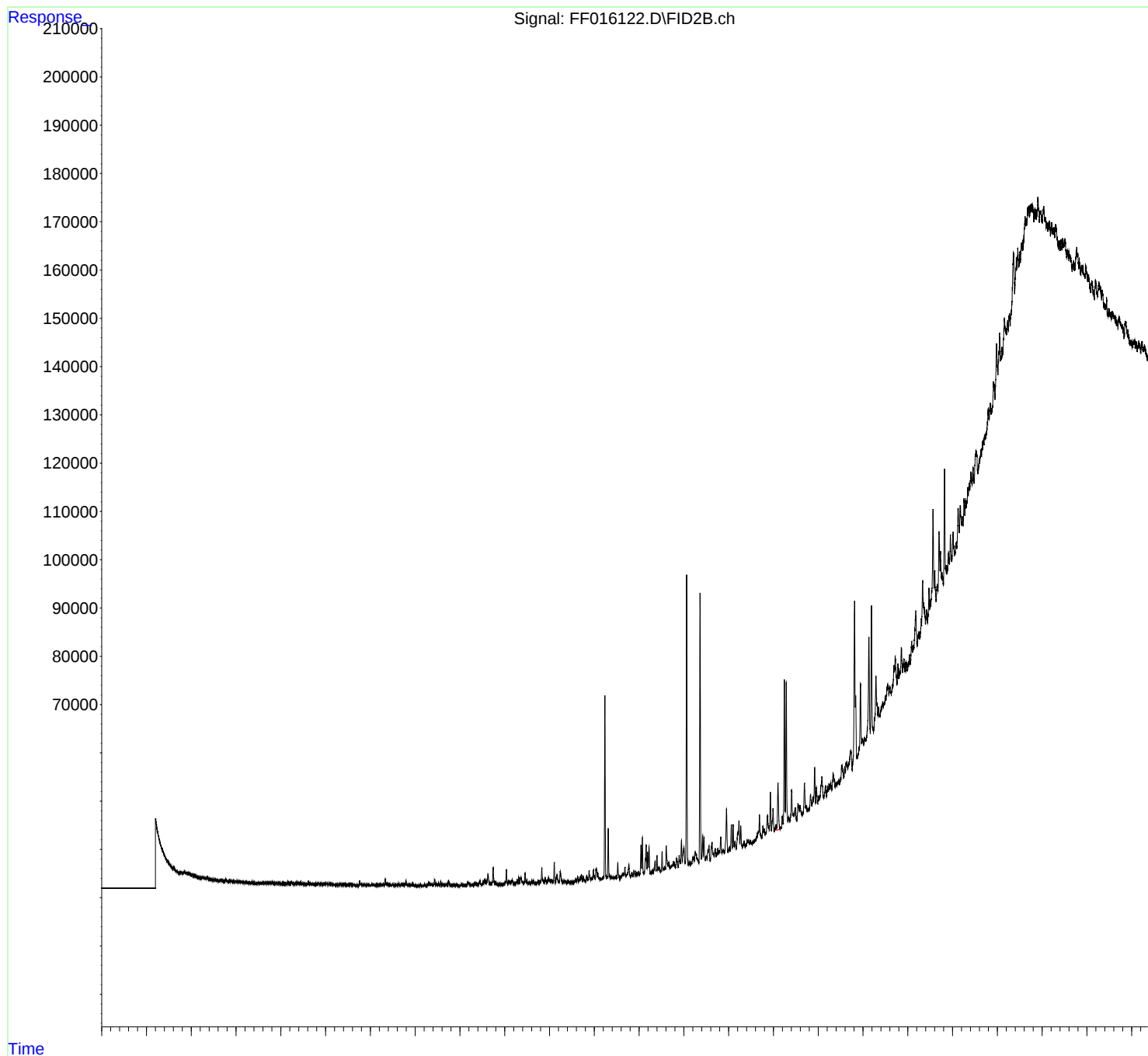
(m)=manual int.

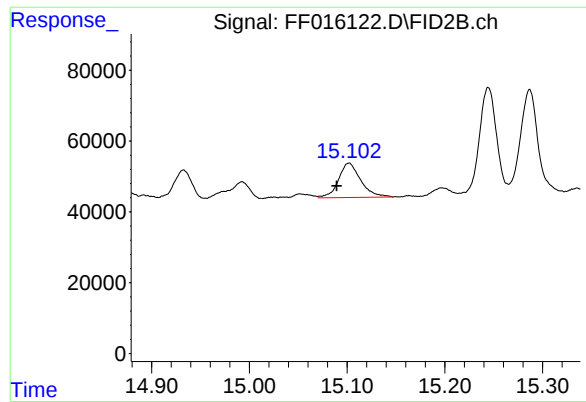
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016122.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 13:04
Operator : YP\AJ
Sample : Q2487-15 10X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
G1(0-6)

Integration File: autoint1.e
Quant Time: Jul 10 02:51:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.102 min
Delta R.T.: 0.013 min
Response: 153372
Conc: 1.27 ug/ml

Instrument :
FID_F
ClientSampleId :
G1(0-6)

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016122.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 13:04

Sample : Q2487-15 10X

Misc :

ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.620	1.200	1.668	BH	4344	164540	10.68%	0.379%
2	4.489	4.483	4.493	HH	891	4548	0.30%	0.010%
3	4.505	4.493	4.519	HH	880	13506	0.88%	0.031%
4	4.523	4.519	4.544	HH	889	12377	0.80%	0.028%
5	4.553	4.544	4.565	HH	906	10530	0.68%	0.024%
6	4.571	4.565	4.575	HH	830	4719	0.31%	0.011%
7	4.578	4.575	4.595	HH	901	9864	0.64%	0.023%
8	4.617	4.595	4.641	HH	1525	29597	1.92%	0.068%
9	4.656	4.641	4.672	HH	985	16334	1.06%	0.038%
10	4.691	4.672	4.722	HH	911	25311	1.64%	0.058%
11	4.727	4.722	4.743	HH	838	9883	0.64%	0.023%
12	4.748	4.743	4.757	HH	829	7033	0.46%	0.016%
13	4.783	4.757	4.801	HH	994	21953	1.42%	0.051%
14	4.806	4.801	4.811	HH	829	5071	0.33%	0.012%
15	4.824	4.811	4.828	HH	897	8179	0.53%	0.019%
16	4.851	4.828	4.888	HH	1065	31999	2.08%	0.074%
17	4.904	4.888	4.916	HH	1026	15191	0.99%	0.035%
18	4.929	4.916	4.947	HH	933	15357	1.00%	0.035%
19	4.975	4.947	4.992	HH	958	23370	1.52%	0.054%
20	5.008	4.992	5.017	HH	1049	14259	0.93%	0.033%
21	5.030	5.017	5.055	HH	987	20397	1.32%	0.047%
22	5.084	5.055	5.110	HH	1038	28974	1.88%	0.067%
23	5.124	5.110	5.132	HH	948	12038	0.78%	0.028%

24	5.136	5.132	5.152	HH	887	9603	0.62%	0.022%
25	5.163	5.152	5.183	HH	818	13375	0.87%	0.031%
26	5.197	5.183	5.224	HH	822	17282	1.12%	0.040%
27	5.242	5.224	5.268	HH	831	18711	1.21%	0.043%
28	5.295	5.268	5.317	HH	776	20313	1.32%	0.047%
29	5.332	5.317	5.364	HH	846	21949	1.42%	0.051%
30	5.372	5.364	5.392	HH	875	13246	0.86%	0.030%
31	5.414	5.392	5.468	HH	981	35070	2.28%	0.081%
32	5.472	5.468	5.487	HH	632	6816	0.44%	0.016%
33	5.497	5.487	5.503	HH	708	6066	0.39%	0.014%
34	5.509	5.503	5.520	HH	680	6445	0.42%	0.015%
35	5.563	5.520	5.594	HH	1112	32877	2.13%	0.076%
36	5.610	5.594	5.623	HH	722	11709	0.76%	0.027%
37	5.637	5.623	5.652	HH	774	11447	0.74%	0.026%
38	5.663	5.652	5.667	HH	679	5658	0.37%	0.013%
39	5.671	5.667	5.678	HH	638	3979	0.26%	0.009%
40	5.698	5.678	5.715	HH	691	13637	0.88%	0.031%
41	5.729	5.715	5.739	HH	599	8199	0.53%	0.019%
42	5.760	5.739	5.783	HH	1606	26561	1.72%	0.061%
43	5.790	5.783	5.832	HH	906	20322	1.32%	0.047%
44	5.846	5.832	5.858	HH	709	10070	0.65%	0.023%
45	5.876	5.858	5.902	HH	736	16601	1.08%	0.038%
46	5.907	5.902	5.918	HH	636	5824	0.38%	0.013%
47	5.926	5.918	5.937	HH	694	6959	0.45%	0.016%
48	5.951	5.937	5.979	HH	803	17835	1.16%	0.041%
49	5.988	5.979	6.004	HH	675	9057	0.59%	0.021%
50	6.023	6.004	6.043	HH	774	15785	1.02%	0.036%
51	6.065	6.043	6.097	HH	870	24274	1.57%	0.056%
52	6.111	6.097	6.123	HH	720	10090	0.65%	0.023%
53	6.127	6.123	6.138	HH	698	5830	0.38%	0.013%
54	6.146	6.138	6.164	HH	715	9612	0.62%	0.022%
55	6.176	6.164	6.194	HH	706	11282	0.73%	0.026%
56	6.204	6.194	6.221	HH	724	10401	0.67%	0.024%
57	6.241	6.221	6.261	HH	767	15916	1.03%	0.037%
58	6.294	6.261	6.310	HH	905	20519	1.33%	0.047%
59	6.333	6.310	6.349	HH	1965	28006	1.82%	0.064%
60	6.359	6.349	6.395	HH	936	22681	1.47%	0.052%
61	6.400	6.395	6.414	HH	789	7508	0.49%	0.017%
62	6.421	6.414	6.426	HH	664	4478	0.29%	0.010%

63	6.437	6.426	6.467	HH	807	16170	1.05%	0.037%
64	6.479	6.467	6.495	HH	770	11635	0.75%	0.027%
65	6.505	6.495	6.528	HH	772	13763	0.89%	0.032%
66	6.532	6.528	6.550	HH	670	7698	0.50%	0.018%
67	6.556	6.550	6.568	HH	664	6889	0.45%	0.016%
68	6.586	6.568	6.604	HH	757	14616	0.95%	0.034%
69	6.608	6.604	6.612	HH	686	3072	0.20%	0.007%
70	6.631	6.612	6.654	HH	1012	19841	1.29%	0.046%
71	6.677	6.654	6.692	HH	755	15609	1.01%	0.036%
72	6.707	6.692	6.740	HH	771	20839	1.35%	0.048%
73	6.743	6.740	6.763	HH	789	9357	0.61%	0.022%
74	6.770	6.763	6.774	HH	658	4248	0.28%	0.010%
75	6.794	6.774	6.836	HH	1570	31712	2.06%	0.073%
76	6.839	6.836	6.852	HH	698	5555	0.36%	0.013%
77	6.875	6.852	6.897	HH	767	18393	1.19%	0.042%
78	6.907	6.897	6.914	HH	707	6457	0.42%	0.015%
79	6.922	6.914	6.933	HH	667	6926	0.45%	0.016%
80	6.950	6.933	6.975	HH	971	17751	1.15%	0.041%
81	6.989	6.975	7.018	HH	729	15602	1.01%	0.036%
82	7.022	7.018	7.038	HH	576	5739	0.37%	0.013%
83	7.052	7.038	7.061	HH	570	7009	0.45%	0.016%
84	7.075	7.061	7.080	HH	627	6229	0.40%	0.014%
85	7.082	7.080	7.097	HH	581	5166	0.34%	0.012%
86	7.120	7.097	7.141	HH	766	15706	1.02%	0.036%
87	7.145	7.141	7.153	HH	584	3887	0.25%	0.009%
88	7.163	7.153	7.186	HH	593	10257	0.67%	0.024%
89	7.205	7.186	7.221	HH	739	13176	0.85%	0.030%
90	7.228	7.221	7.258	HH	653	12841	0.83%	0.030%
91	7.298	7.258	7.323	HH	1103	30983	2.01%	0.071%
92	7.329	7.323	7.348	HH	927	12624	0.82%	0.029%
93	7.370	7.348	7.400	HH	916	22552	1.46%	0.052%
94	7.433	7.400	7.450	HH	1785	30956	2.01%	0.071%
95	7.463	7.450	7.485	HH	904	16361	1.06%	0.038%
96	7.487	7.485	7.503	HH	715	6769	0.44%	0.016%
97	7.520	7.503	7.548	HH	1024	21243	1.38%	0.049%
98	7.571	7.548	7.599	HH	1395	25710	1.67%	0.059%
99	7.613	7.599	7.632	HH	907	15957	1.04%	0.037%
100	7.644	7.632	7.675	HH	790	17047	1.11%	0.039%
101	7.679	7.675	7.683	HH	634	3120	0.20%	0.007%

102	7.690	7.683	7.707	HH	793	9888	0.64%	0.023%
103	7.745	7.707	7.777	HH	1634	38851	2.52%	0.089%
104	7.780	7.777	7.794	HH	662	6475	0.42%	0.015%
105	7.800	7.794	7.822	HH	698	10676	0.69%	0.025%
106	7.826	7.822	7.831	HH	679	3556	0.23%	0.008%
107	7.835	7.831	7.857	HH	663	9340	0.61%	0.021%
108	7.864	7.857	7.869	HH	649	4473	0.29%	0.010%
109	7.874	7.869	7.902	HH	706	11167	0.72%	0.026%
110	7.919	7.902	7.962	HH	791	22379	1.45%	0.052%
111	7.966	7.962	7.973	HH	592	3889	0.25%	0.009%
112	7.978	7.973	7.992	HH	568	5855	0.38%	0.013%
113	8.004	7.992	8.017	HH	565	7102	0.46%	0.016%
114	8.037	8.017	8.057	HH	851	16397	1.06%	0.038%
115	8.063	8.057	8.070	HH	656	4459	0.29%	0.010%
116	8.089	8.070	8.102	HH	696	11747	0.76%	0.027%
117	8.117	8.102	8.137	HH	657	12249	0.79%	0.028%
118	8.144	8.137	8.150	HH	625	4371	0.28%	0.010%
119	8.177	8.150	8.197	HH	1321	27237	1.77%	0.063%
120	8.205	8.197	8.221	HH	1011	12829	0.83%	0.030%
121	8.235	8.221	8.260	HH	794	16043	1.04%	0.037%
122	8.277	8.260	8.295	HH	761	13701	0.89%	0.032%
123	8.333	8.295	8.349	HH	1019	26097	1.69%	0.060%
124	8.361	8.349	8.413	HH	955	32317	2.10%	0.074%
125	8.448	8.413	8.487	HH	1624	45993	2.98%	0.106%
126	8.521	8.487	8.537	HH	1285	30966	2.01%	0.071%
127	8.553	8.537	8.571	HH	1968	29926	1.94%	0.069%
128	8.582	8.571	8.597	HH	1460	20095	1.30%	0.046%
129	8.628	8.597	8.661	HH	2857	68001	4.41%	0.157%
130	8.669	8.661	8.690	HH	1142	16852	1.09%	0.039%
131	8.741	8.690	8.776	HH	4237	90007	5.84%	0.207%
132	8.793	8.776	8.818	HH	1336	26341	1.71%	0.061%
133	8.830	8.818	8.853	HH	1011	17977	1.17%	0.041%
134	8.856	8.853	8.866	HH	848	6266	0.41%	0.014%
135	8.881	8.866	8.895	HH	911	13529	0.88%	0.031%
136	8.906	8.895	8.942	HH	834	20260	1.31%	0.047%
137	8.987	8.942	8.996	HH	1029	26811	1.74%	0.062%
138	9.037	8.996	9.068	HH	3848	74424	4.83%	0.171%
139	9.090	9.068	9.118	HH	1558	39014	2.53%	0.090%
140	9.124	9.118	9.140	HH	1236	15442	1.00%	0.036%

141	9.166	9.140	9.194	HH	1727	42687	2.77%	0.098%
142	9.199	9.194	9.208	HH	1018	7492	0.49%	0.017%
143	9.216	9.208	9.221	HH	935	7262	0.47%	0.017%
144	9.226	9.221	9.241	HH	973	11032	0.72%	0.025%
145	9.280	9.241	9.298	HH	1824	43133	2.80%	0.099%
146	9.313	9.298	9.332	HH	2273	33295	2.16%	0.077%
147	9.361	9.332	9.398	HH	2243	63218	4.10%	0.146%
148	9.402	9.398	9.416	HH	1230	12355	0.80%	0.028%
149	9.419	9.416	9.424	HH	1063	4824	0.31%	0.011%
150	9.455	9.424	9.475	HH	3092	55782	3.62%	0.128%
151	9.492	9.475	9.529	HH	1776	42044	2.73%	0.097%
152	9.549	9.529	9.572	HH	1241	25747	1.67%	0.059%
153	9.584	9.572	9.590	HH	1042	10839	0.70%	0.025%
154	9.610	9.590	9.624	HH	1599	27070	1.76%	0.062%
155	9.641	9.624	9.673	HH	1561	34470	2.24%	0.079%
156	9.691	9.673	9.708	HH	1142	21568	1.40%	0.050%
157	9.744	9.708	9.764	HH	1659	40275	2.61%	0.093%
158	9.792	9.764	9.806	HH	1598	31830	2.07%	0.073%
159	9.828	9.806	9.866	HH	4190	79228	5.14%	0.182%
160	9.875	9.866	9.891	HH	1407	20097	1.30%	0.046%
161	9.908	9.891	9.943	HH	2072	49664	3.22%	0.114%
162	9.980	9.943	9.998	HH	2346	56872	3.69%	0.131%
163	10.011	9.998	10.025	HH	1618	23981	1.56%	0.055%
164	10.036	10.025	10.056	HH	1748	28497	1.85%	0.066%
165	10.060	10.056	10.075	HH	1307	15061	0.98%	0.035%
166	10.107	10.075	10.136	HH	5297	87215	5.66%	0.201%
167	10.171	10.136	10.218	HH	2770	91689	5.95%	0.211%
168	10.239	10.218	10.300	HH	3465	98161	6.37%	0.226%
169	10.318	10.300	10.327	HH	1541	21621	1.40%	0.050%
170	10.347	10.327	10.375	HH	1550	38714	2.51%	0.089%
171	10.391	10.375	10.396	HH	1178	14126	0.92%	0.033%
172	10.414	10.396	10.448	HH	1428	41253	2.68%	0.095%
173	10.458	10.448	10.502	HH	1322	38142	2.47%	0.088%
174	10.513	10.502	10.538	HH	1355	26425	1.71%	0.061%
175	10.581	10.538	10.599	HH	1821	53753	3.49%	0.124%
176	10.603	10.599	10.609	HH	1502	8905	0.58%	0.020%
177	10.629	10.609	10.651	HH	2374	47120	3.06%	0.108%
178	10.688	10.651	10.698	HH	2235	52064	3.38%	0.120%
179	10.715	10.698	10.738	HH	2786	50862	3.30%	0.117%
180	10.755	10.738	10.798	HH	2281	64181	4.16%	0.148%

181	10.802	10.798	10.807	HH	1558	7422	0.48%	0.017%
182	10.832	10.807	10.850	HH	2600	53140	3.45%	0.122%
183	10.855	10.850	10.863	HH	1938	14926	0.97%	0.034%
184	10.884	10.863	10.921	HH	3643	86374	5.60%	0.199%
185	10.933	10.921	10.950	HH	2226	34822	2.26%	0.080%
186	10.979	10.950	10.998	HH	3733	78296	5.08%	0.180%
187	11.003	10.998	11.015	HH	2592	24755	1.61%	0.057%
188	11.041	11.015	11.068	HH	3993	97489	6.33%	0.224%
189	11.081	11.068	11.123	HH	3035	77428	5.02%	0.178%
190	11.136	11.123	11.155	HH	2209	38737	2.51%	0.089%
191	11.162	11.155	11.166	HH	1932	12811	0.83%	0.029%
192	11.175	11.166	11.185	HH	2001	21239	1.38%	0.049%
193	11.204	11.185	11.213	HH	2537	38202	2.48%	0.088%
194	11.237	11.213	11.282	HH	39914	477591	30.99%	1.099%
195	11.311	11.282	11.333	HH	12439	176704	11.46%	0.407%
196	11.339	11.333	11.359	HH	2705	36455	2.37%	0.084%
197	11.371	11.359	11.396	HH	2463	49921	3.24%	0.115%
198	11.413	11.396	11.424	HH	2272	36797	2.39%	0.085%
199	11.427	11.424	11.448	HH	2199	29631	1.92%	0.068%
200	11.452	11.448	11.467	HH	2131	24064	1.56%	0.055%
201	11.482	11.467	11.502	HH	2612	50158	3.25%	0.115%
202	11.525	11.502	11.570	HH	5264	121466	7.88%	0.280%
203	11.655	11.570	11.666	HH	2982	146780	9.52%	0.338%
204	11.684	11.666	11.705	HH	4310	79510	5.16%	0.183%
205	11.727	11.705	11.737	HH	2849	51772	3.36%	0.119%
206	11.772	11.737	11.812	HH	4769	152105	9.87%	0.350%
207	11.841	11.812	11.860	HH	3228	80527	5.22%	0.185%
208	11.886	11.860	11.910	HH	3489	91282	5.92%	0.210%
209	11.931	11.910	11.944	HH	3366	60757	3.94%	0.140%
210	11.992	11.944	12.010	HH	3171	116947	7.59%	0.269%
211	12.043	12.010	12.057	HH	8990	148368	9.63%	0.341%
212	12.073	12.057	12.112	HH	10471	179447	11.64%	0.413%
213	12.158	12.112	12.176	HH	9007	213285	13.84%	0.491%
214	12.191	12.176	12.206	HH	7442	104819	6.80%	0.241%
215	12.222	12.206	12.252	HH	8667	150882	9.79%	0.347%
216	12.264	12.252	12.273	HH	3250	38716	2.51%	0.089%
217	12.303	12.273	12.319	HH	3806	96789	6.28%	0.223%
218	12.356	12.319	12.379	HH	5542	154787	10.04%	0.356%
219	12.401	12.379	12.421	HH	6850	123852	8.04%	0.285%

220	12.445	12.421	12.471	HH	4363	119787	7.77%	0.276%
221	12.474	12.471	12.481	HH	3643	21612	1.40%	0.050%
222	12.484	12.481	12.488	HH	3573	16124	1.05%	0.037%
223	12.514	12.488	12.534	HH	7555	140899	9.14%	0.324%
224	12.546	12.534	12.564	HH	4059	71172	4.62%	0.164%
225	12.575	12.564	12.592	HH	4335	68777	4.46%	0.158%
226	12.606	12.592	12.642	HH	8682	187087	12.14%	0.431%
227	12.663	12.642	12.685	HH	5418	124987	8.11%	0.288%
228	12.691	12.685	12.708	HH	4430	58547	3.80%	0.135%
229	12.721	12.708	12.738	HH	4788	84685	5.49%	0.195%
230	12.745	12.738	12.754	HH	4856	43443	2.82%	0.100%
231	12.766	12.754	12.779	HH	5577	78886	5.12%	0.182%
232	12.791	12.779	12.811	HH	5072	90139	5.85%	0.207%
233	12.835	12.811	12.877	HH	6213	202122	13.11%	0.465%
234	12.895	12.877	12.925	HH	6807	161686	10.49%	0.372%
235	12.947	12.925	12.966	HH	9994	182608	11.85%	0.420%
236	13.002	12.966	13.029	HH	8386	264667	17.17%	0.609%
237	13.062	13.029	13.099	HH	64873	883972	57.35%	2.035%
238	13.122	13.099	13.142	HH	5460	129949	8.43%	0.299%
239	13.158	13.142	13.178	HH	5366	112004	7.27%	0.258%
240	13.196	13.178	13.210	HH	6402	112278	7.28%	0.258%
241	13.222	13.210	13.235	HH	6499	91473	5.93%	0.211%
242	13.252	13.235	13.262	HH	7412	109905	7.13%	0.253%
243	13.266	13.262	13.337	HH	7199	276953	17.97%	0.637%
244	13.362	13.337	13.388	HH	61207	797694	51.76%	1.836%
245	13.419	13.388	13.435	HH	10882	225585	14.64%	0.519%
246	13.449	13.435	13.479	HH	10422	207311	13.45%	0.477%
247	13.504	13.479	13.518	HH	6525	144228	9.36%	0.332%
248	13.536	13.518	13.546	HH	7903	121263	7.87%	0.279%
249	13.560	13.546	13.591	HH	8633	195616	12.69%	0.450%
250	13.627	13.591	13.655	HH	9510	301746	19.58%	0.695%
251	13.658	13.655	13.679	HH	7206	99514	6.46%	0.229%
252	13.700	13.679	13.721	HH	8283	187869	12.19%	0.432%
253	13.737	13.721	13.746	HH	7098	103764	6.73%	0.239%
254	13.760	13.746	13.778	HH	8157	148077	9.61%	0.341%
255	13.789	13.778	13.802	HH	7761	106442	6.91%	0.245%
256	13.823	13.802	13.847	HH	10605	239858	15.56%	0.552%
257	13.871	13.847	13.884	HH	7732	170486	11.06%	0.392%
258	13.890	13.884	13.905	HH	7784	94314	6.12%	0.217%

259	13.952	13.905	13.984	HH	16256	495728	32.16%	1.141%
260	14.021	13.984	14.034	HH	8508	237348	15.40%	0.546%
261	14.061	14.034	14.082	HH	13156	293509	19.04%	0.676%
262	14.101	14.082	14.121	HH	13194	252533	16.38%	0.581%
263	14.144	14.121	14.168	HH	9711	250754	16.27%	0.577%
264	14.207	14.168	14.213	HH	11622	274004	17.78%	0.631%
265	14.230	14.213	14.252	HH	13946	271189	17.60%	0.624%
266	14.271	14.252	14.309	HH	12932	350158	22.72%	0.806%
267	14.343	14.309	14.367	HH	9819	317062	20.57%	0.730%
268	14.388	14.367	14.395	HH	9036	151346	9.82%	0.348%
269	14.416	14.395	14.423	HH	9731	158939	10.31%	0.366%
270	14.437	14.423	14.459	HH	10071	205596	13.34%	0.473%
271	14.484	14.459	14.512	HH	9830	302298	19.61%	0.696%
272	14.538	14.512	14.548	HH	9635	200436	13.00%	0.461%
273	14.569	14.548	14.574	HH	9782	153720	9.97%	0.354%
274	14.591	14.574	14.605	HH	10103	185687	12.05%	0.427%
275	14.625	14.605	14.632	HH	10778	162391	10.54%	0.374%
276	14.689	14.632	14.709	HH	15263	560972	36.40%	1.291%
277	14.715	14.709	14.738	HH	11072	191042	12.40%	0.440%
278	14.764	14.738	14.782	HH	12857	308611	20.02%	0.710%
279	14.794	14.782	14.827	HH	12194	310339	20.14%	0.714%
280	14.832	14.827	14.837	HH	11517	71131	4.62%	0.164%
281	14.870	14.837	14.888	HH	14935	404655	26.25%	0.931%
282	14.892	14.888	14.907	HH	12870	143495	9.31%	0.330%
283	14.933	14.907	14.957	HH	19881	456622	29.63%	1.051%
284	14.993	14.957	15.013	HH	16565	468874	30.42%	1.079%
285	15.025	15.013	15.040	HH	12265	198180	12.86%	0.456%
286	15.052	15.040	15.070	HH	13142	230124	14.93%	0.530%
287	15.102	15.070	15.153	HH	21856	756185	49.06%	1.740%
288	15.163	15.153	15.173	HH	12672	147960	9.60%	0.341%
289	15.197	15.173	15.214	HH	14824	336397	21.83%	0.774%
290	15.245	15.214	15.265	HH	43146	767125	49.77%	1.766%
291	15.287	15.265	15.323	HH	42675	827460	53.69%	1.905%
292	15.336	15.323	15.366	HH	14812	372868	24.19%	0.858%
293	15.406	15.366	15.436	HH	20355	682747	44.30%	1.571%
294	15.445	15.436	15.461	HH	15450	226335	14.68%	0.521%
295	15.488	15.461	15.520	HH	16669	548669	35.60%	1.263%
296	15.549	15.520	15.576	HH	17475	540395	35.06%	1.244%
297	15.593	15.576	15.635	HH	17206	572535	37.15%	1.318%

298	15.641	15.635	15.655	HH	15608	181228	11.76%	0.417%
299	15.693	15.655	15.720	HH	21828	710894	46.12%	1.636%
300	15.733	15.720	15.752	HH	17118	317920	20.63%	0.732%
301	15.762	15.752	15.773	HH	16456	206485	13.40%	0.475%
302	15.789	15.773	15.802	HH	16477	279865	18.16%	0.644%
303	15.830	15.802	15.862	HH	19474	642680	41.70%	1.479%
304	15.879	15.862	15.896	HH	18804	364486	23.65%	0.839%
305	15.921	15.896	15.942	HH	24905	588083	38.16%	1.354%
306	15.960	15.942	15.986	HH	20827	500308	32.46%	1.152%
307	16.004	15.986	16.019	HH	19116	361937	23.48%	0.833%
308	16.029	16.019	16.033	HH	18720	158715	10.30%	0.365%
309	16.084	16.033	16.114	HH	23155	1013361	65.75%	2.332%
310	16.119	16.114	16.123	HH	18996	102347	6.64%	0.236%
311	16.161	16.123	16.186	HH	21229	747797	48.52%	1.721%
312	16.214	16.186	16.229	HH	21019	523423	33.96%	1.205%
313	16.241	16.229	16.254	HH	21422	310290	20.13%	0.714%
314	16.279	16.254	16.300	HH	21881	590659	38.32%	1.359%
315	16.332	16.300	16.384	HH	24027	1106695	71.80%	2.547%
316	16.400	16.384	16.420	HH	21757	463450	30.07%	1.067%
317	16.435	16.420	16.449	HH	21901	376317	24.42%	0.866%
318	16.462	16.449	16.471	HH	22274	286323	18.58%	0.659%
319	16.475	16.471	16.479	HH	21826	106945	6.94%	0.246%
320	16.531	16.479	16.577	HH	25447	1390458	90.22%	3.200%
321	16.591	16.577	16.606	HH	25197	435830	28.28%	1.003%
322	16.624	16.606	16.639	HH	25951	493111	31.99%	1.135%
323	16.644	16.639	16.660	HH	25937	327019	21.22%	0.753%
324	16.674	16.660	16.678	HH	25691	273807	17.77%	0.630%
325	16.731	16.678	16.761	HH	28510	1337251	86.76%	3.078%
326	16.812	16.761	16.830	HH	59455	1541270	100.00%	3.547%
Sum of corrected areas:					43446994			

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016123.D	10	07/08/25 08:35	07/09/25 13:34	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	62700		1810	17800	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.06		37 - 130	53%	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\FF070925\
 Data File : FF016123.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 13:34
 Operator : YP\AJ
 Sample : Q2487-16 10X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 G1(6-12)

Manual Integrations
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Reviewed By :Yogesh Patel 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 10 03:52:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.104	127834	1.059 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016123.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 13:34
Operator : YP\AJ
Sample : Q2487-16 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

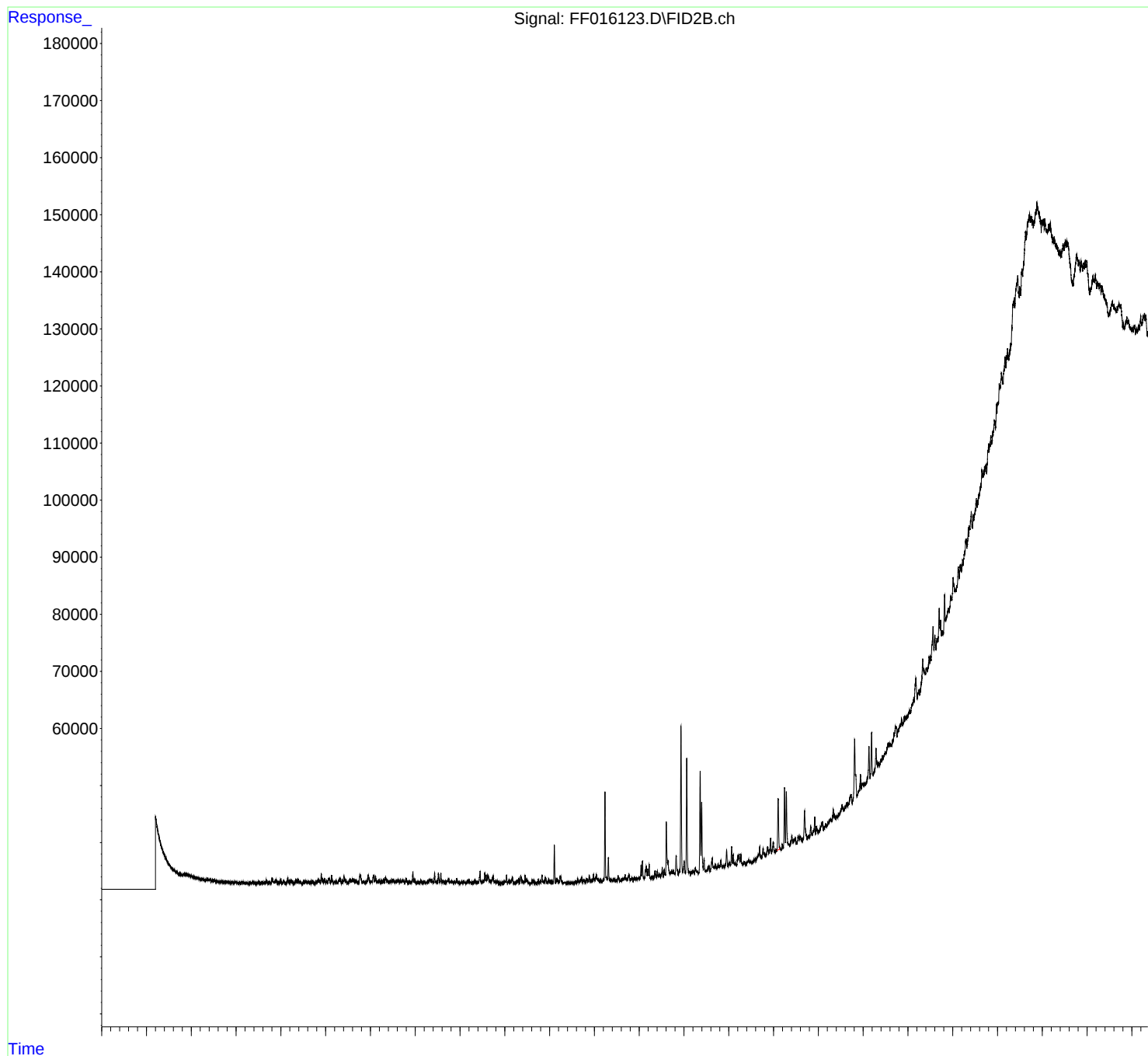
Instrument :
FID_F
ClientSampleId :
G1(6-12)

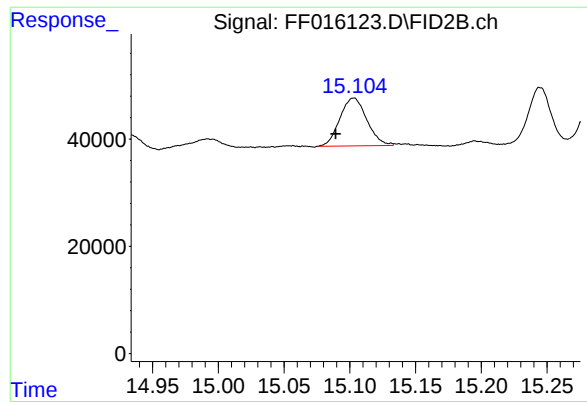
Manual Integrations
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Integration File: autoint1.e
Quant Time: Jul 10 03:52:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.104 min
Delta R.T.: 0.014 min
Response: 127834
Conc: 1.06 ug/ml

Instrument :

FID_F

ClientSampleId :

G1(6-12)

Manual Integrations

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Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016123.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 13:34
 Sample : Q2487-16 10X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.511	4.483	4.539	HH	1416	39794	5.90%	0.167%
2	4.556	4.539	4.601	HH	1461	46656	6.91%	0.195%
3	4.617	4.601	4.637	HH	1380	26408	3.91%	0.111%
4	4.655	4.637	4.672	HH	1355	24409	3.62%	0.102%
5	4.691	4.672	4.727	HH	1449	40908	6.06%	0.171%
6	4.728	4.727	4.759	HH	1269	19565	2.90%	0.082%
7	4.800	4.759	4.815	HH	1364	40053	5.93%	0.168%
8	4.833	4.815	4.864	HH	1744	42843	6.35%	0.179%
9	4.869	4.864	4.883	HH	1481	14653	2.17%	0.061%
10	4.903	4.883	4.918	HH	2722	39835	5.90%	0.167%
11	4.928	4.918	4.947	HH	1910	27070	4.01%	0.113%
12	4.963	4.947	4.972	HH	1612	21031	3.12%	0.088%
13	4.983	4.972	5.005	HH	1686	28236	4.18%	0.118%
14	5.034	5.005	5.046	HH	1453	33408	4.95%	0.140%
15	5.065	5.046	5.074	HH	1886	27054	4.01%	0.113%
16	5.083	5.074	5.107	HH	1930	30968	4.59%	0.130%
17	5.133	5.107	5.176	HH	2377	63028	9.34%	0.264%
18	5.199	5.176	5.222	HH	1398	34068	5.05%	0.143%
19	5.236	5.222	5.264	HH	1474	31445	4.66%	0.132%
20	5.269	5.264	5.275	HH	1138	7075	1.05%	0.030%
21	5.297	5.275	5.315	HH	1648	34507	5.11%	0.145%
22	5.326	5.315	5.357	HH	1774	35447	5.25%	0.148%
23	5.377	5.357	5.389	HH	1560	25570	3.79%	0.107%

Instrument :
 FID_F
 ClientSampleId :
 G1(6-12)

Manual IntegrationsAPPROVED

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24	5.408	5.389	5.480	HH	2249	83622	12.39%	0.350%
25	5.496	5.480	5.516	HH	1216	24425	3.62%	0.102%
26	5.538	5.516	5.553	HH	1695	32707	4.85%	0.137%
27	5.565	5.553	5.579	HH	1691	22815	3.38%	0.096%
28	5.608	5.579	5.622	HH	1868	39453	5.85%	0.165%
29	5.638	5.622	5.652	HH	1668	26544	3.93%	0.111%
30	5.669	5.652	5.717	HH	1525	51179	7.58%	0.214%
31	5.729	5.717	5.742	HH	1334	18617	2.76%	0.078%
32	5.761	5.742	5.766	HH	2285	25990	3.85%	0.109%
33	5.776	5.766	5.819	HH	2498	55670	8.25%	0.233%
34	5.833	5.819	5.875	HH	1369	43015	6.37%	0.180%
35	5.890	5.875	5.899	HH	1255	17066	2.53%	0.071%
36	5.946	5.899	5.959	HH	2401	58497	8.67%	0.245%
37	5.963	5.959	5.984	HH	1973	24533	3.63%	0.103%
38	5.989	5.984	5.994	HH	1303	7703	1.14%	0.032%
39	5.998	5.994	6.007	HH	1298	10069	1.49%	0.042%
40	6.011	6.007	6.015	HH	1294	6354	0.94%	0.027%
41	6.030	6.015	6.039	HH	1493	19308	2.86%	0.081%
42	6.072	6.039	6.097	HH	2388	64203	9.51%	0.269%
43	6.111	6.097	6.139	HH	2209	41981	6.22%	0.176%
44	6.150	6.139	6.160	HH	1339	16044	2.38%	0.067%
45	6.176	6.160	6.182	HH	1475	17465	2.59%	0.073%
46	6.197	6.182	6.223	HH	1536	33230	4.92%	0.139%
47	6.240	6.223	6.260	HH	1547	29197	4.33%	0.122%
48	6.294	6.260	6.317	HH	1735	45830	6.79%	0.192%
49	6.335	6.317	6.381	HH	2047	62515	9.26%	0.262%
50	6.393	6.381	6.414	HH	1485	26344	3.90%	0.110%
51	6.440	6.414	6.462	HH	1450	36859	5.46%	0.154%
52	6.482	6.462	6.511	HH	1705	43299	6.41%	0.181%
53	6.519	6.511	6.549	HH	1536	31353	4.65%	0.131%
54	6.564	6.549	6.575	HH	1460	21542	3.19%	0.090%
55	6.590	6.575	6.609	HH	1529	27990	4.15%	0.117%
56	6.621	6.609	6.649	HH	1607	33795	5.01%	0.142%
57	6.670	6.649	6.680	HH	1520	26357	3.90%	0.110%
58	6.687	6.680	6.694	HH	1354	10521	1.56%	0.044%
59	6.715	6.694	6.757	HH	1548	52695	7.81%	0.221%
60	6.767	6.757	6.773	HH	1262	12065	1.79%	0.051%
61	6.793	6.773	6.842	HH	1883	57421	8.51%	0.241%
62	6.873	6.842	6.895	HH	1476	40782	6.04%	0.171%

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Manual IntegrationsAPPROVED

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63	6.924	6.895	6.929	HH	1386	25178	3.73%	0.105%
64	6.948	6.929	6.968	HH	3019	46856	6.94%	0.196%
65	6.991	6.968	7.012	HH	1637	37015	5.48%	0.155%
66	7.021	7.012	7.038	HH	1212	17762	2.63%	0.074%
67	7.054	7.038	7.060	HH	1208	15440	2.29%	0.065%
68	7.062	7.060	7.067	HH	1219	4854	0.72%	0.020%
69	7.080	7.067	7.101	HH	1383	23831	3.53%	0.100%
70	7.123	7.101	7.151	HH	1603	39764	5.89%	0.167%
71	7.161	7.151	7.173	HH	1251	15108	2.24%	0.063%
72	7.202	7.173	7.242	HH	1469	49954	7.40%	0.209%
73	7.271	7.242	7.289	HH	1280	33591	4.98%	0.141%
74	7.331	7.289	7.349	HH	1713	54185	8.03%	0.227%
75	7.370	7.349	7.403	HH	1695	44349	6.57%	0.186%
76	7.433	7.403	7.464	HH	2891	60885	9.02%	0.255%
77	7.483	7.464	7.497	HH	1361	24267	3.60%	0.102%
78	7.518	7.497	7.554	HH	2887	59910	8.88%	0.251%
79	7.572	7.554	7.599	HH	2749	48101	7.13%	0.201%
80	7.620	7.599	7.637	HH	1549	30309	4.49%	0.127%
81	7.650	7.637	7.656	HH	1319	13852	2.05%	0.058%
82	7.669	7.656	7.679	HH	1257	16630	2.46%	0.070%
83	7.746	7.679	7.780	HH	1827	83198	12.33%	0.349%
84	7.811	7.780	7.816	HH	1375	27597	4.09%	0.116%
85	7.831	7.816	7.849	HH	1359	25585	3.79%	0.107%
86	7.885	7.849	7.897	HH	1269	34219	5.07%	0.143%
87	7.924	7.897	7.955	HH	1856	48847	7.24%	0.205%
88	7.976	7.955	7.996	HH	1301	27299	4.04%	0.114%
89	8.038	7.996	8.052	HH	1275	37804	5.60%	0.158%
90	8.061	8.052	8.071	HH	1212	13175	1.95%	0.055%
91	8.089	8.071	8.105	HH	1510	26465	3.92%	0.111%
92	8.123	8.105	8.129	HH	1171	16407	2.43%	0.069%
93	8.133	8.129	8.152	HH	1131	14597	2.16%	0.061%
94	8.176	8.152	8.194	HH	1576	33898	5.02%	0.142%
95	8.206	8.194	8.221	HH	1464	22319	3.31%	0.093%
96	8.225	8.221	8.262	HH	1295	29262	4.34%	0.123%
97	8.272	8.262	8.295	HH	1290	22920	3.40%	0.096%
98	8.335	8.295	8.364	HH	1516	53584	7.94%	0.224%
99	8.368	8.364	8.370	HH	1175	4211	0.62%	0.018%
100	8.386	8.370	8.403	HH	1349	24365	3.61%	0.102%
101	8.407	8.403	8.411	HH	1152	5514	0.82%	0.023%

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G1(6-12)

Manual IntegrationsAPPROVED

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102	8.448	8.411	8.481	HH	3116	75636	11.21%	0.317%
103	8.486	8.481	8.489	HH	1238	6229	0.92%	0.026%
104	8.554	8.489	8.569	HH	2832	79807	11.82%	0.334%
105	8.581	8.569	8.598	HH	2438	34854	5.16%	0.146%
106	8.626	8.598	8.667	HH	2440	75873	11.24%	0.318%
107	8.672	8.667	8.692	HH	1540	20385	3.02%	0.085%
108	8.738	8.692	8.783	HH	2349	88709	13.14%	0.372%
109	8.790	8.783	8.812	HH	1314	20710	3.07%	0.087%
110	8.831	8.812	8.871	HH	1464	42674	6.32%	0.179%
111	8.876	8.871	8.890	HH	1178	12903	1.91%	0.054%
112	8.944	8.890	8.972	HH	1188	52440	7.77%	0.220%
113	8.995	8.972	9.020	HH	1338	35759	5.30%	0.150%
114	9.038	9.020	9.066	HH	2493	45616	6.76%	0.191%
115	9.084	9.066	9.090	HH	1524	19186	2.84%	0.080%
116	9.093	9.090	9.122	HH	1503	25178	3.73%	0.105%
117	9.169	9.122	9.222	HH	2143	82825	12.27%	0.347%
118	9.258	9.222	9.264	HH	1201	27479	4.07%	0.115%
119	9.282	9.264	9.297	HH	1572	27693	4.10%	0.116%
120	9.312	9.297	9.335	HH	1886	33340	4.94%	0.140%
121	9.357	9.335	9.431	HH	2194	88186	13.07%	0.369%
122	9.454	9.431	9.477	HH	2432	48019	7.11%	0.201%
123	9.492	9.477	9.527	HH	1789	41760	6.19%	0.175%
124	9.534	9.527	9.550	HH	1129	15906	2.36%	0.067%
125	9.556	9.550	9.564	HH	1042	7967	1.18%	0.033%
126	9.609	9.564	9.624	HH	1678	43945	6.51%	0.184%
127	9.639	9.624	9.672	HH	1526	35819	5.31%	0.150%
128	9.691	9.672	9.705	HH	1162	21302	3.16%	0.089%
129	9.745	9.705	9.771	HH	1528	48428	7.17%	0.203%
130	9.793	9.771	9.807	HH	1361	26446	3.92%	0.111%
131	9.828	9.807	9.869	HH	2453	60432	8.95%	0.253%
132	9.876	9.869	9.885	HH	1312	12795	1.90%	0.054%
133	9.908	9.885	9.941	HH	2047	51375	7.61%	0.215%
134	9.950	9.941	9.957	HH	1295	11560	1.71%	0.048%
135	9.982	9.957	9.999	HH	1628	34956	5.18%	0.146%
136	10.012	9.999	10.027	HH	1451	21932	3.25%	0.092%
137	10.043	10.027	10.060	HH	1426	25872	3.83%	0.108%
138	10.069	10.060	10.081	HH	1273	15961	2.36%	0.067%
139	10.106	10.081	10.131	HH	7709	100967	14.96%	0.423%
140	10.155	10.131	10.165	HH	1821	30223	4.48%	0.127%

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G1(6-12)

Manual IntegrationsAPPROVED

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141	10.169	10.165	10.215	HH	1729	41995	6.22%	0.176%
142	10.240	10.215	10.302	HH	2264	81768	12.11%	0.343%
143	10.309	10.302	10.331	HH	1193	20234	3.00%	0.085%
144	10.348	10.331	10.374	HH	1223	28436	4.21%	0.119%
145	10.378	10.374	10.385	HH	1032	6996	1.04%	0.029%
146	10.391	10.385	10.395	HH	1062	5716	0.85%	0.024%
147	10.411	10.395	10.442	HH	1181	30903	4.58%	0.129%
148	10.455	10.442	10.475	HH	1197	21928	3.25%	0.092%
149	10.482	10.475	10.491	HH	1121	10519	1.56%	0.044%
150	10.512	10.491	10.535	HH	1139	27701	4.10%	0.116%
151	10.544	10.535	10.550	HH	1138	9799	1.45%	0.041%
152	10.577	10.550	10.600	HH	1476	36815	5.45%	0.154%
153	10.629	10.600	10.657	HH	1747	46904	6.95%	0.196%
154	10.686	10.657	10.696	HH	1726	34172	5.06%	0.143%
155	10.714	10.696	10.739	HH	2013	41692	6.18%	0.175%
156	10.755	10.739	10.802	HH	1687	52854	7.83%	0.221%
157	10.830	10.802	10.864	HH	1899	55812	8.27%	0.234%
158	10.885	10.864	10.919	HH	2517	59782	8.86%	0.250%
159	10.937	10.919	10.949	HH	1601	27097	4.01%	0.114%
160	10.979	10.949	10.995	HH	2576	55543	8.23%	0.233%
161	11.004	10.995	11.016	HH	1820	21185	3.14%	0.089%
162	11.042	11.016	11.070	HH	2534	65293	9.67%	0.274%
163	11.076	11.070	11.120	HH	1808	48915	7.25%	0.205%
164	11.135	11.120	11.160	HH	1584	35044	5.19%	0.147%
165	11.165	11.160	11.169	HH	1389	7102	1.05%	0.030%
166	11.172	11.169	11.184	HH	1447	12244	1.81%	0.051%
167	11.202	11.184	11.214	HH	1816	29872	4.43%	0.125%
168	11.237	11.214	11.259	HH	17113	202313	29.97%	0.847%
169	11.266	11.259	11.289	HH	2149	34498	5.11%	0.145%
170	11.312	11.289	11.335	HH	5462	87572	12.97%	0.367%
171	11.341	11.335	11.359	HH	1736	23032	3.41%	0.096%
172	11.372	11.359	11.400	HH	1760	39666	5.88%	0.166%
173	11.433	11.400	11.452	HH	1708	49143	7.28%	0.206%
174	11.459	11.452	11.474	HH	1627	19784	2.93%	0.083%
175	11.485	11.474	11.507	HH	1595	29832	4.42%	0.125%
176	11.526	11.507	11.542	HH	2399	41249	6.11%	0.173%
177	11.545	11.542	11.571	HH	1989	29101	4.31%	0.122%
178	11.616	11.571	11.638	HH	1796	65084	9.64%	0.273%
179	11.652	11.638	11.664	HH	1828	27676	4.10%	0.116%
180	11.685	11.664	11.708	HH	2518	53501	7.93%	0.224%

Instrument :

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Manual IntegrationsAPPROVED

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181	11.732	11.708	11.738	HH	1801	30958	4.59%	0.130%
182	11.768	11.738	11.807	HH	2492	83932	12.43%	0.352%
183	11.841	11.807	11.860	HH	2008	55428	8.21%	0.232%
184	11.894	11.860	11.912	HH	2118	57294	8.49%	0.240%
185	11.929	11.912	11.947	HH	2011	38494	5.70%	0.161%
186	11.964	11.947	11.969	HH	1874	23363	3.46%	0.098%
187	11.996	11.969	12.014	HH	2052	52359	7.76%	0.219%
188	12.043	12.014	12.059	HH	4212	76564	11.34%	0.321%
189	12.074	12.059	12.119	HH	4988	102697	15.21%	0.430%
190	12.141	12.119	12.146	HH	3242	42230	6.26%	0.177%
191	12.158	12.146	12.176	HH	3983	61163	9.06%	0.256%
192	12.191	12.176	12.206	HH	3581	53056	7.86%	0.222%
193	12.223	12.206	12.259	HH	4345	88388	13.10%	0.370%
194	12.299	12.259	12.323	HH	2252	78298	11.60%	0.328%
195	12.355	12.323	12.382	HH	3208	88014	13.04%	0.369%
196	12.403	12.382	12.427	HH	3104	69076	10.23%	0.289%
197	12.448	12.427	12.464	HH	2559	52215	7.74%	0.219%
198	12.472	12.464	12.477	HH	2246	17580	2.60%	0.074%
199	12.515	12.477	12.535	HH	3666	97336	14.42%	0.408%
200	12.558	12.535	12.589	HH	3432	88942	13.18%	0.373%
201	12.606	12.589	12.632	HH	11809	180498	26.74%	0.756%
202	12.644	12.632	12.680	HH	4966	110041	16.30%	0.461%
203	12.692	12.680	12.705	HH	2983	43932	6.51%	0.184%
204	12.721	12.705	12.739	HH	3156	59255	8.78%	0.248%
205	12.743	12.739	12.750	HH	2787	18097	2.68%	0.076%
206	12.765	12.750	12.784	HH	3156	59989	8.89%	0.251%
207	12.789	12.784	12.798	HH	2800	24679	3.66%	0.103%
208	12.825	12.798	12.878	HH	5911	176572	26.16%	0.740%
209	12.895	12.878	12.906	HH	3383	50690	7.51%	0.212%
210	12.934	12.906	12.967	HH	28404	427196	63.29%	1.790%
211	13.005	12.967	13.035	HH	4786	148875	22.06%	0.624%
212	13.062	13.035	13.100	HH	22952	348084	51.57%	1.458%
213	13.120	13.100	13.142	HH	3088	73526	10.89%	0.308%
214	13.164	13.142	13.172	HH	3018	50759	7.52%	0.213%
215	13.198	13.172	13.210	HH	3182	67499	10.00%	0.283%
216	13.217	13.210	13.232	HH	3091	40931	6.06%	0.171%
217	13.252	13.232	13.294	HH	3800	120892	17.91%	0.506%
218	13.298	13.294	13.304	HH	3066	18102	2.68%	0.076%
219	13.308	13.304	13.323	HH	3031	33414	4.95%	0.140%

Instrument :
FID_F
ClientSampleId :
G1(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

220	13.362	13.323	13.380	HH	20719	305086	45.20%	1.278%
221	13.396	13.380	13.432	HH	15194	254088	37.64%	1.064%
222	13.449	13.432	13.478	HH	5294	112295	16.64%	0.470%
223	13.499	13.478	13.505	HH	3348	52814	7.82%	0.221%
224	13.507	13.505	13.514	HH	3301	16295	2.41%	0.068%
225	13.534	13.514	13.544	HH	3928	65407	9.69%	0.274%
226	13.559	13.544	13.585	HH	4094	87332	12.94%	0.366%
227	13.630	13.585	13.652	HH	5445	173448	25.70%	0.727%
228	13.666	13.652	13.679	HH	4008	61189	9.07%	0.256%
229	13.700	13.679	13.744	HH	4397	156399	23.17%	0.655%
230	13.763	13.744	13.779	HH	4249	83624	12.39%	0.350%
231	13.786	13.779	13.802	HH	4028	55386	8.21%	0.232%
232	13.824	13.802	13.848	HH	5053	121736	18.04%	0.510%
233	13.859	13.848	13.868	HH	4092	49419	7.32%	0.207%
234	13.890	13.868	13.909	HH	4118	97697	14.47%	0.409%
235	13.952	13.909	13.982	HH	6874	217692	32.25%	0.912%
236	14.019	13.982	14.036	HH	4722	141776	21.00%	0.594%
237	14.064	14.036	14.084	HH	7476	159455	23.62%	0.668%
238	14.100	14.084	14.127	HH	5916	130695	19.36%	0.547%
239	14.133	14.127	14.135	HH	4501	21380	3.17%	0.090%
240	14.146	14.135	14.167	HH	4612	85254	12.63%	0.357%
241	14.200	14.167	14.215	HH	5875	145654	21.58%	0.610%
242	14.230	14.215	14.252	HH	6096	120088	17.79%	0.503%
243	14.272	14.252	14.314	HH	6079	185285	27.45%	0.776%
244	14.347	14.314	14.374	HH	4858	164190	24.33%	0.688%
245	14.388	14.374	14.394	HH	4542	54189	8.03%	0.227%
246	14.442	14.394	14.465	HH	5202	205429	30.44%	0.861%
247	14.483	14.465	14.504	HH	4804	108884	16.13%	0.456%
248	14.507	14.504	14.511	HH	4701	20031	2.97%	0.084%
249	14.566	14.511	14.574	HH	5231	184268	27.30%	0.772%
250	14.579	14.574	14.582	HH	5114	24202	3.59%	0.101%
251	14.596	14.582	14.608	HH	5378	82310	12.19%	0.345%
252	14.660	14.608	14.670	HH	6046	210700	31.22%	0.883%
253	14.690	14.670	14.710	HH	7407	154237	22.85%	0.646%
254	14.715	14.710	14.731	HH	5751	71765	10.63%	0.301%
255	14.765	14.731	14.786	HH	7125	204147	30.25%	0.855%
256	14.792	14.786	14.810	HH	6325	90918	13.47%	0.381%
257	14.815	14.810	14.829	HH	6081	67228	9.96%	0.282%
258	14.867	14.829	14.895	HH	7392	264642	39.21%	1.109%

Instrument :

FID_F

ClientSampleId :

G1(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

259	14.933	14.895	14.955	HH	8947	260908	38.65%	1.093%
260	14.992	14.955	15.021	HH	8225	284461	42.14%	1.192%
261	15.056	15.021	15.074	HH	6918	215404	31.91%	0.902%
262	15.103	15.074	15.177	HH	15871	560430	83.03%	2.348%
263	15.195	15.177	15.215	HH	7852	170345	25.24%	0.714%
264	15.245	15.215	15.265	HH	17759	342868	50.80%	1.436%
265	15.286	15.265	15.325	HH	17090	395320	58.57%	1.656%
266	15.335	15.325	15.361	HH	7922	171205	25.36%	0.717%
267	15.408	15.361	15.430	HH	9425	347247	51.45%	1.455%
268	15.457	15.430	15.463	HH	8743	164498	24.37%	0.689%
269	15.484	15.463	15.517	HH	9009	277297	41.08%	1.162%
270	15.547	15.517	15.574	HH	9412	295581	43.79%	1.238%
271	15.591	15.574	15.625	HH	9363	276963	41.03%	1.160%
272	15.633	15.625	15.639	HH	8683	71052	10.53%	0.298%
273	15.642	15.639	15.652	HH	8655	67057	9.93%	0.281%
274	15.692	15.652	15.751	HH	13762	610324	90.42%	2.557%
275	15.766	15.751	15.774	HH	9187	128120	18.98%	0.537%
276	15.792	15.774	15.799	HH	9297	133694	19.81%	0.560%
277	15.831	15.799	15.863	HH	10886	382162	56.62%	1.601%
278	15.882	15.863	15.897	HH	10307	204359	30.28%	0.856%
279	15.920	15.897	15.942	HH	12615	297508	44.08%	1.246%
280	15.959	15.942	15.992	HH	11072	312052	46.23%	1.307%
281	16.008	15.992	16.025	HH	10245	202974	30.07%	0.850%
282	16.086	16.025	16.118	HH	11783	611272	90.56%	2.561%
283	16.124	16.118	16.128	HH	10670	60893	9.02%	0.255%
284	16.161	16.128	16.187	HH	11472	395487	58.59%	1.657%
285	16.213	16.187	16.225	HH	11650	259771	38.49%	1.088%
286	16.275	16.225	16.297	HH	12267	513088	76.02%	2.149%
287	16.333	16.297	16.385	HH	13974	674970	100.00%	2.827%
288	16.403	16.385	16.408	HH	12638	174487	25.85%	0.731%
289	16.411	16.408	16.420	HH	12626	91209	13.51%	0.382%
290	16.426	16.420	16.435	HH	12879	115995	17.19%	0.486%
291	16.457	16.435	16.470	HH	13301	269818	39.97%	1.130%
Sum of corrected areas:					23871976			

Instrument :

FID_F

ClientSampleId :

G1(6-12)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: WALS01
 ProjectID: Construction of Shafts 17B-18B - PN 220084
 Lab Code: ACE SDG No.: Q2487

Calibration Sequence : FF061325			Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID	
1000	128762116	128762	FF015964.D	
500	64295722	128591	FF015965.D	
200	27169561	135848	FF015966.D	
100	13526499	135265	FF015967.D	
50	7306219	146124	FF015968.D	
AVG RF : 134918		% RSD : 5.299		AVG RT : 15.0944

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: WALS01
 ProjectID: Construction of Shafts 17B-18B - PN 220084
 Lab Code: ACE SDG No.: Q2487

Calibration Sequence : FG061325		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	121978597	121979	FG016063.D
500	61365081	122730	FG016064.D
200	26234834	131174	FG016065.D
100	13396741	133967	FG016066.D
50	7145066	142901	FG016067.D
AVG RF : 130550		% RSD : 6.625	AVG RT : 15.1972

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: WALS01
 ProjectID: Construction of Shafts 17B-18B - PN 220084
 Lab Code: ACE SDG No.: Q2487

Calibration Sequence : FG070925		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	107457449	107457	FG016264.D
500	53927299	107855	FG016265.D
200	23004292	115021	FG016266.D
100	12319443	123194	FG016267.D
50	6076250	121525	FG016268.D
AVG RF : 115010		% RSD : 6.414	AVG RT : 15.201

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FF016106.D Analyst Name: YP\AJ Analyst Date: 07-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	65780168	131560	134918	2.489

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016106.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 16:54
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 02:38:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.106	5681526	47.054 ug/ml
Target Compounds				
2)	N-DECANE	4.620	6940824	52.974 ug/ml
3)	N-DODECANE	6.799	6850456	51.446 ug/ml
4)	N-TETRADECANE	8.633	6709297	50.060 ug/ml
5)	N-HEXADECANE	10.242	6631791	49.104 ug/ml
6)	N-OCTADECANE	11.690	6679320	48.180 ug/ml
7)	N-EICOSANE	13.003	6656059	47.667 ug/ml
8)	N-DOCOSANE	14.204	6438849	47.391 ug/ml
10)	N-TETRACOSANE	15.312	6394827	47.184 ug/ml
11)	N-HEXACOSANE	16.335	6293585	46.884 ug/ml
12)	N-OCTACOSANE	17.288	6185160	46.851 ug/ml

(f)=RT Delta > 1/2 Window

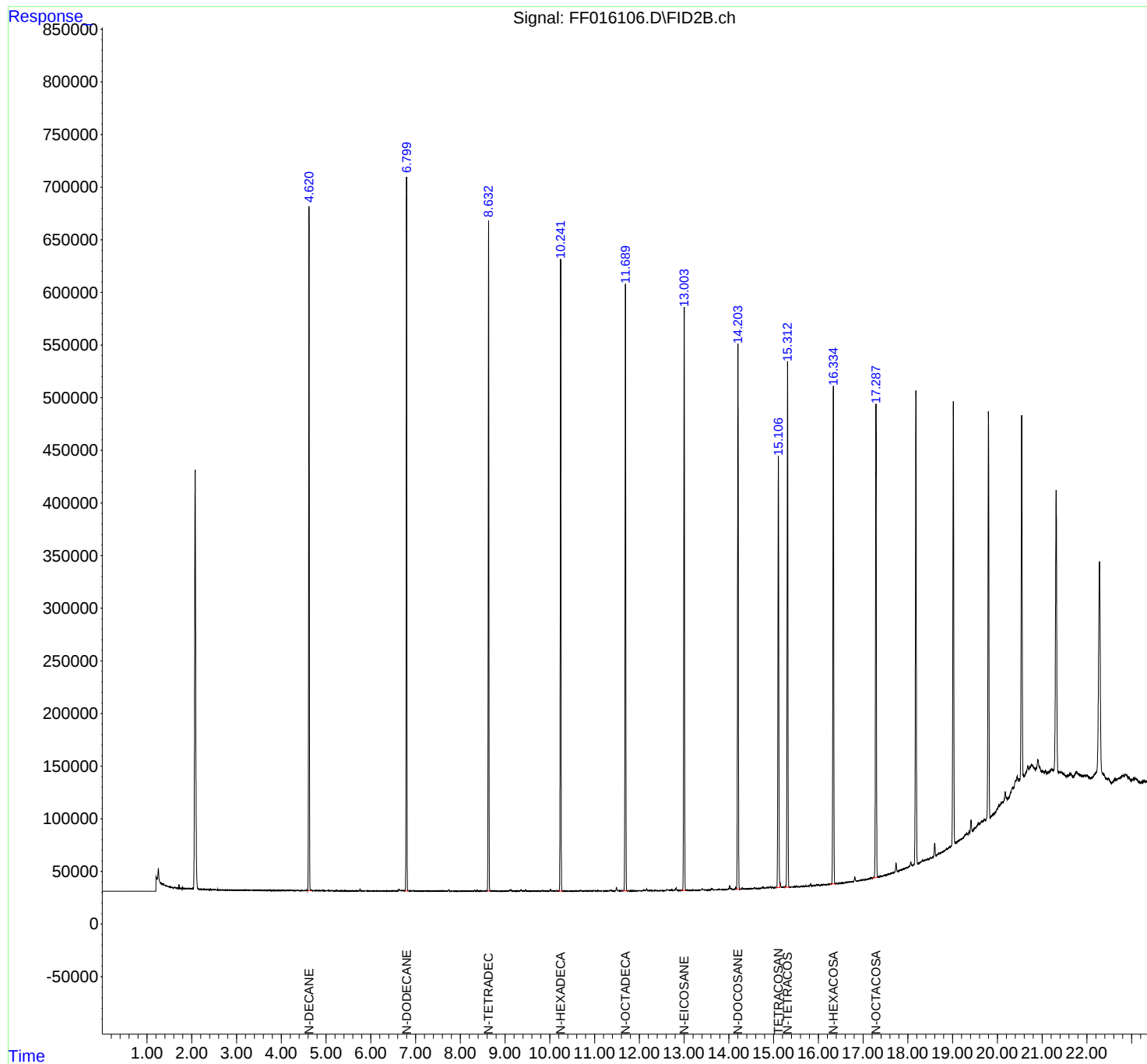
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016106.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 16:54
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 02:38:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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\FF070825\
Data File : FF016106.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 16:54
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.620	4.586	4.681	BB	649764	6940824	100.00%	9.713%
2	6.799	6.761	6.842	BB	678514	6850456	98.70%	9.586%
3	8.633	8.596	8.672	BB	636864	6709297	96.66%	9.389%
4	10.242	10.186	10.292	BB	599576	6631791	95.55%	9.280%
5	11.690	11.632	11.741	BB	575569	6679320	96.23%	9.347%
6	13.003	12.924	13.047	BV	551779	6656059	95.90%	9.314%
7	14.204	14.168	14.251	VB	517568	6438849	92.77%	9.010%
8	15.106	15.051	15.139	BV	409250	5681526	81.86%	7.950%
9	15.312	15.227	15.362	BB	501164	6394827	92.13%	8.949%
10	16.335	16.259	16.382	BB	472750	6293585	90.67%	8.807%
11	17.288	17.194	17.327	BV	449914	6185160	89.11%	8.655%
Sum of corrected areas:						71461695		

FF061325.M Wed Jul 09 04:15:45 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FF016114.D Analyst Name: YP\AJ Analyst Date: 07-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	65515978	131032	134918	2.88

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
 Data File : FF016114.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2025 21:53
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 02:40:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.109	5714023	47.323 ug/ml
Target Compounds			
2) N-DECANE	4.622	6698164	51.122 ug/ml
3) N-DODECANE	6.801	6687033	50.219 ug/ml
4) N-TETRADECANE	8.634	6630453	49.472 ug/ml
5) N-HEXADECANE	10.245	6618985	49.009 ug/ml
6) N-OCTADECANE	11.692	6710305	48.403 ug/ml
7) N-EICOSANE	13.006	6708993	48.046 ug/ml
8) N-DOCOSANE	14.207	6490119	47.768 ug/ml
10) N-TETRACOSANE	15.315	6444552	47.551 ug/ml
11) N-HEXACOSANE	16.340	6322525	47.100 ug/ml
12) N-OCTACOSANE	17.292	6204849	47.000 ug/ml

(f)=RT Delta > 1/2 Window

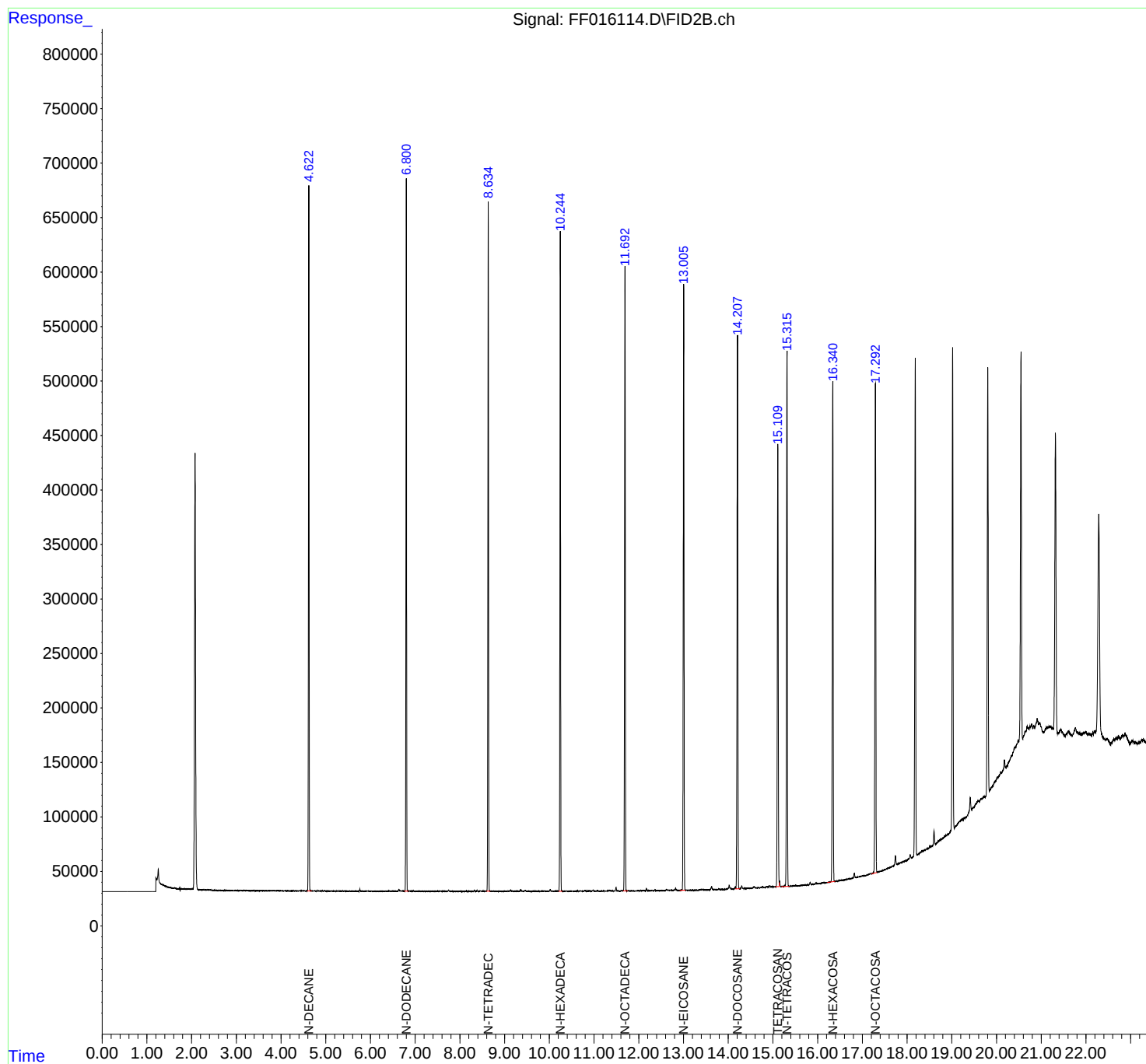
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016114.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 21:53
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 02:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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\FF070825\
Data File : FF016114.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 21:53
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.622	4.585	4.680	BB	647911	6698164	99.82%	9.404%
2	6.801	6.762	6.849	BB	654036	6687033	99.65%	9.388%
3	8.634	8.592	8.679	BB	632161	6630453	98.81%	9.309%
4	10.245	10.209	10.292	BB	604787	6618985	98.64%	9.292%
5	11.692	11.649	11.747	BB	572725	6710305	100.00%	9.421%
6	13.006	12.914	13.045	BV	557711	6708993	99.98%	9.419%
7	14.207	14.171	14.265	VB	507157	6490119	96.72%	9.111%
8	15.109	15.054	15.141	BV	405598	5714023	85.15%	8.022%
9	15.315	15.187	15.372	BB	492121	6444552	96.04%	9.048%
10	16.340	16.217	16.385	BB	460650	6322525	94.22%	8.876%
11	17.292	17.210	17.328	BV	449182	6204849	92.47%	8.711%
Sum of corrected areas:						71230002		

FF061325.M Wed Jul 09 04:16:21 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FF016117.D Analyst Name: YP\AJ Analyst Date: 07-09-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	69768852	139538	134918	3.424

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016117.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 10:02
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 10 02:50:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.107	6134879	50.809 ug/ml
Target Compounds			
2) N-DECANE	4.619	7022099	53.595 ug/ml
3) N-DODECANE	6.798	7037760	52.853 ug/ml
4) N-TETRADECANE	8.632	7013068	52.327 ug/ml
5) N-HEXADECANE	10.242	7043348	52.152 ug/ml
6) N-OCTADECANE	11.689	7170135	51.720 ug/ml
7) N-EICOSANE	13.003	7187773	51.475 ug/ml
8) N-DOCOSANE	14.204	6960992	51.234 ug/ml
10) N-TETRACOSANE	15.312	6913832	51.014 ug/ml
11) N-HEXACOSANE	16.336	6773079	50.456 ug/ml
12) N-OCTACOSANE	17.290	6646766	50.347 ug/ml

(f)=RT Delta > 1/2 Window

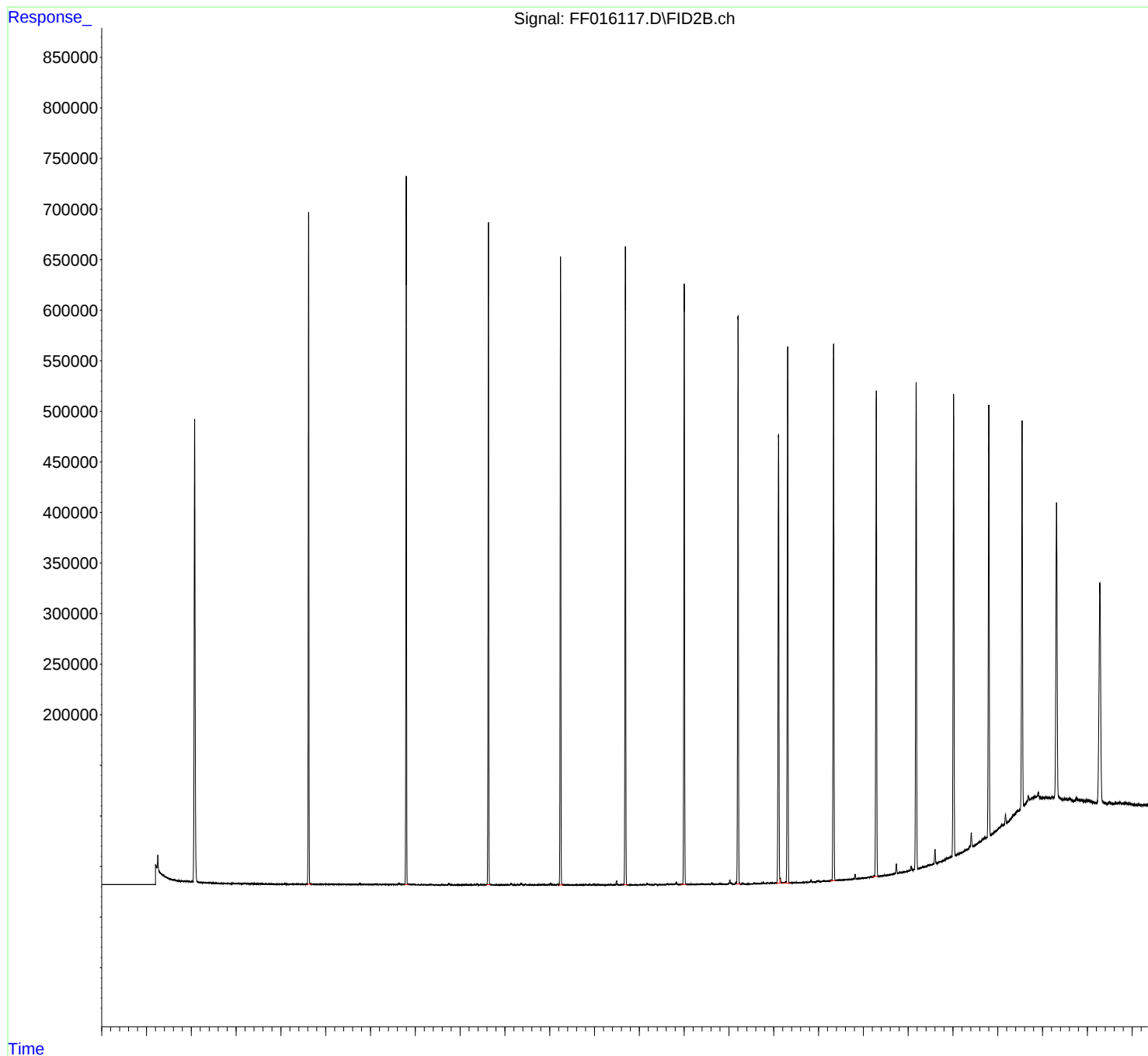
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016117.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 10:02
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 10 02:50:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016117.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 10:02

Sample : 50 PPM TRPH STD

Misc :

ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.619	4.584	4.682	BB	663690	7022099	97.70%	9.251%
2	6.798	6.760	6.850	BB	697013	7037760	97.91%	9.272%
3	8.632	8.592	8.674	BB	655122	7013068	97.57%	9.239%
4	10.242	10.202	10.294	BB	619336	7043348	97.99%	9.279%
5	11.689	11.650	11.739	BB	627998	7170135	99.75%	9.446%
6	13.003	12.925	13.054	BB	594813	7187773	100.00%	9.470%
7	14.204	14.168	14.246	VB	561447	6960992	96.84%	9.171%
8	15.107	15.055	15.139	BV	443468	6134879	85.35%	8.082%
9	15.312	15.185	15.370	BB	529448	6913832	96.19%	9.109%
10	16.336	16.255	16.375	BB	526626	6773079	94.23%	8.923%
11	17.290	17.192	17.326	BB	482158	6646766	92.47%	8.757%

Sum of corrected areas: 75903732

FF061325.M Thu Jul 10 03:32:11 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FF016127.D Analyst Name: YP\AJ Analyst Date: 07-09-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	70910876	141822	134918	5.117

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016127.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 17:06
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 10 02:52:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.104	6207401	51.410 ug/ml
Target Compounds			
2) N-DECANE	4.617	7205553	54.995 ug/ml
3) N-DODECANE	6.796	7202488	54.090 ug/ml
4) N-TETRADECANE	8.630	7151306	53.358 ug/ml
5) N-HEXADECANE	10.240	7151442	52.952 ug/ml
6) N-OCTADECANE	11.687	7271790	52.454 ug/ml
7) N-EICOSANE	13.001	7280266	52.137 ug/ml
8) N-DOCOSANE	14.203	7048119	51.875 ug/ml
10) N-TETRACOSANE	15.309	6996682	51.625 ug/ml
11) N-HEXACOSANE	16.333	6862594	51.123 ug/ml
12) N-OCTACOSANE	17.286	6740636	51.058 ug/ml

(f)=RT Delta > 1/2 Window

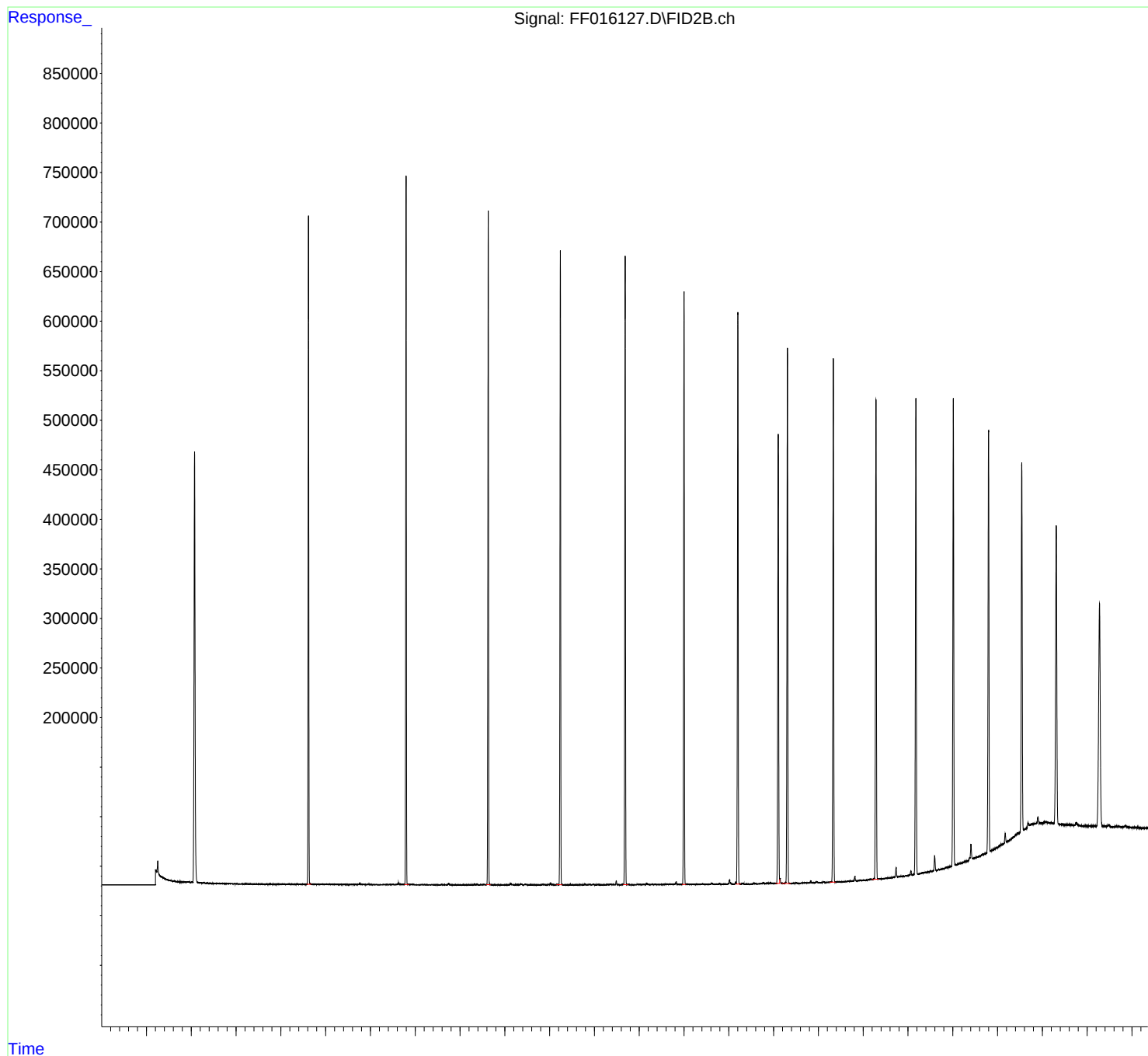
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016127.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 17:06
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jul 10 02:52:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016127.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 17:06

Sample : 50 PPM TRPH STD

Misc :

ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.617	4.579	4.677	BB	675321	7205553	98.97%	9.344%
2	6.796	6.761	6.844	BB	714207	7202488	98.93%	9.340%
3	8.630	8.589	8.679	BB	681734	7151306	98.23%	9.273%
4	10.240	10.154	10.279	BB	638257	7151442	98.23%	9.273%
5	11.687	11.644	11.737	BB	634583	7271790	99.88%	9.429%
6	13.001	12.961	13.042	BB	598467	7280266	100.00%	9.440%
7	14.203	14.166	14.249	VB	577215	7048119	96.81%	9.139%
8	15.104	15.047	15.136	BV	451439	6207401	85.26%	8.049%
9	15.309	15.181	15.364	BB	540416	6996682	96.10%	9.073%
10	16.333	16.254	16.379	BB	527478	6862594	94.26%	8.899%
11	17.286	17.197	17.344	BB	483959	6740636	92.59%	8.741%

Sum of corrected areas: 77118276

FF061325.M Thu Jul 10 03:34:11 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FG016245.D Analyst Name: YP\AJ Analyst Date: 07-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	61154300	122309	130550	6.313

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
 Data File : FG016245.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 14:24
 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: Sample.e
 Quant Time: Jul 09 03:13:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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	5431462	46.304 ug/ml
Target Compounds			
2) N-DECANE	4.674	5988608	47.732 ug/ml
3) N-DODECANE	6.857	6095811	47.771 ug/ml
4) N-TETRADECANE	8.698	6121852	47.437 ug/ml
5) N-HEXADECANE	10.317	6169932	47.271 ug/ml
6) N-OCTADECANE	11.771	6306860	47.094 ug/ml
7) N-EICOSANE	13.092	6338537	46.855 ug/ml
8) N-DOCOSANE	14.300	6159320	46.719 ug/ml
10) N-TETRACOSANE	15.411	6109861	46.381 ug/ml
11) N-HEXACOSANE	16.439	6011384	45.921 ug/ml
12) N-OCTACOSANE	17.396	5852135	45.300 ug/ml

(f)=RT Delta > 1/2 Window

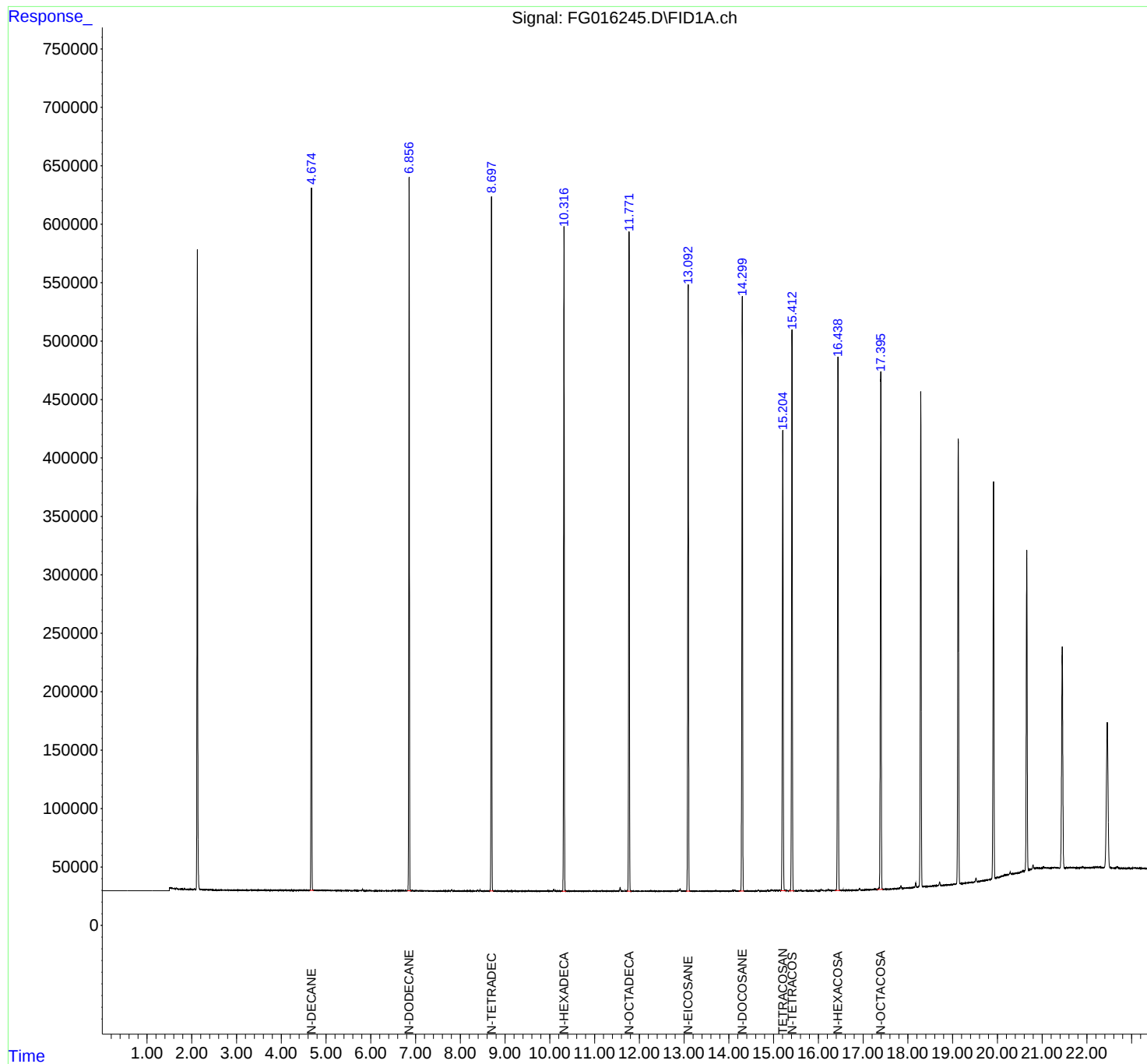
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016245.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:24
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: Sample.e
Quant Time: Jul 09 03:13:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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\FG070825\
Data File : FG016245.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:24
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.674	4.632	4.727	BB	601066	5988608	94.48%	8.994%
2	6.857	6.818	6.903	BB	611133	6095811	96.17%	9.155%
3	8.698	8.650	8.742	BB	593879	6121852	96.58%	9.194%
4	10.317	10.268	10.365	BB	568507	6169932	97.34%	9.266%
5	11.771	11.723	11.815	BB	564066	6306860	99.50%	9.472%
6	13.092	13.044	13.138	BB	518569	6338537	100.00%	9.519%
7	14.300	14.220	14.339	BB	507669	6159320	97.17%	9.250%
8	15.205	15.152	15.280	BV	393602	5431462	85.69%	8.157%
9	15.411	15.336	15.461	BB	476878	6109861	96.39%	9.176%
10	16.439	16.368	16.488	BB	454986	6011384	94.84%	9.028%
11	17.396	17.311	17.445	BB	435670	5852135	92.33%	8.789%
Sum of corrected areas:						66585762		

FG061325.M Wed Jul 09 05:41:06 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FG016253.D Analyst Name: YP\AJ Analyst Date: 07-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	61989135	123978	130550	5.034

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
 Data File : FG016253.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 18:54
 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: Sample.e
 Quant Time: Jul 09 03:15:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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	5505273	46.933 ug/ml
Target Compounds			
2) N-DECANE	4.674	6046993	48.198 ug/ml
3) N-DODECANE	6.857	6172923	48.376 ug/ml
4) N-TETRADECANE	8.697	6209107	48.113 ug/ml
5) N-HEXADECANE	10.317	6263234	47.986 ug/ml
6) N-OCTADECANE	11.772	6401431	47.800 ug/ml
7) N-EICOSANE	13.092	6434644	47.566 ug/ml
8) N-DOCOSANE	14.300	6244972	47.369 ug/ml
10) N-TETRACOSANE	15.411	6194202	47.022 ug/ml
11) N-HEXACOSANE	16.439	6084518	46.480 ug/ml
12) N-OCTACOSANE	17.395	5937111	45.958 ug/ml

(f)=RT Delta > 1/2 Window

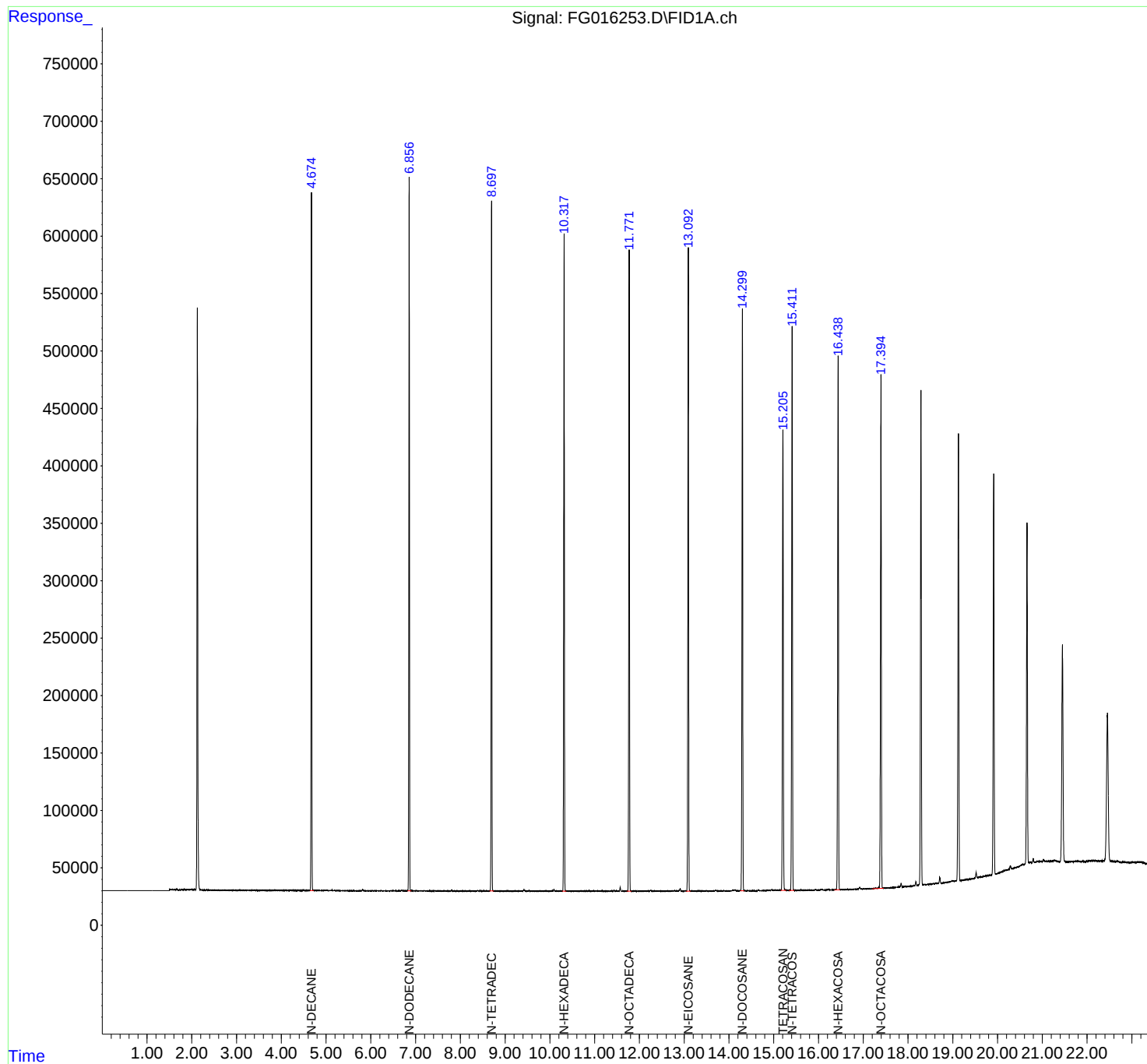
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016253.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 18:54
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: Sample.e
Quant Time: Jul 09 03:15:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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\FG070825\
Data File : FG016253.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 18:54
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.674	4.639	4.729	BB	608314	6046993	93.98%	8.959%
2	6.857	6.820	6.906	BB	621924	6172923	95.93%	9.146%
3	8.697	8.649	8.745	BB	600219	6209107	96.49%	9.199%
4	10.317	10.273	10.365	BB	572188	6263234	97.34%	9.280%
5	11.772	11.725	11.820	BB	559133	6401431	99.48%	9.484%
6	13.092	13.050	13.143	BB	560795	6434644	100.00%	9.534%
7	14.300	14.260	14.343	BB	505898	6244972	97.05%	9.253%
8	15.205	15.154	15.280	BV	400925	5505273	85.56%	8.157%
9	15.411	15.339	15.465	BB	490710	6194202	96.26%	9.177%
10	16.440	16.360	16.482	BB	463062	6084518	94.56%	9.015%
11	17.395	17.204	17.455	BB	446905	5937111	92.27%	8.796%
Sum of corrected areas:						67494408		

FG061325.M Wed Jul 09 05:43:12 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FG016283.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	61634631	123269	115010	7.181

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016283.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 19:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/14/2025

Integration File: autoint1.e
 Quant Time: Jul 11 04:15:53 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...	15.209	5452164	54.529 ug/ml
Target Compounds			
2) N-DECANE	4.675	6030070	52.356 ug/ml
3) N-DODECANE	6.858	6151853	53.060 ug/ml
4) N-TETRADECANE	8.700	6191181	52.453 ug/ml
5) N-HEXADECANE	10.320	6251931	54.052 ug/ml
6) N-OCTADECANE	11.774	6392200	54.458 ug/ml
7) N-EICOSANE	13.095	6421260	53.675 ug/ml
8) N-DOCOSANE	14.304	6215950	53.939 ug/ml
10) N-TETRACOSANE	15.415	6149152	53.820 ug/ml
11) N-HEXACOSANE	16.444	5994403	54.475 ug/ml
12) N-OCTACOSANE	17.401	5836631	53.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016283.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 19:41
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

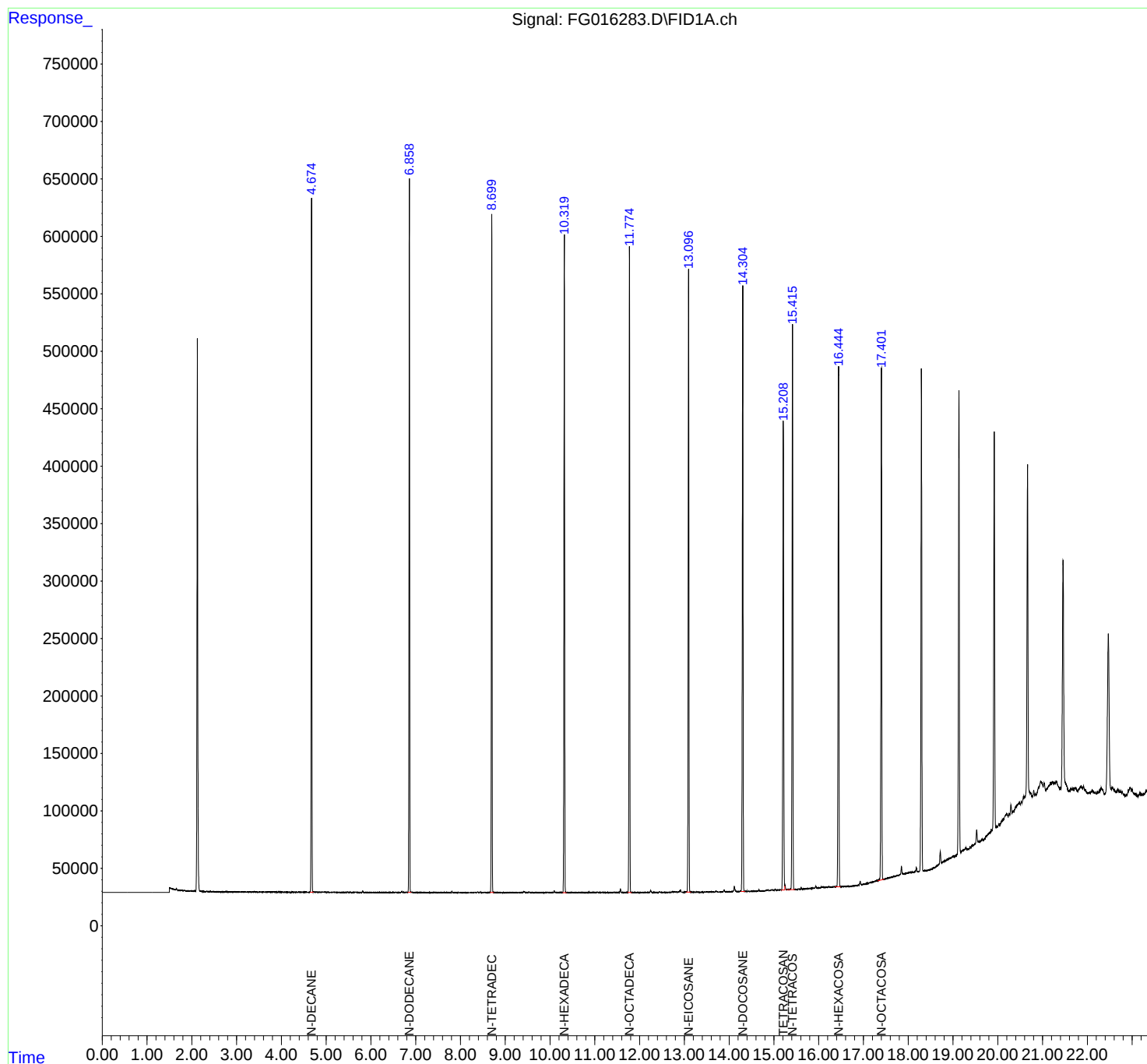
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/14/2025

Integration File: autoint1.e
Quant Time: Jul 11 04:15:53 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

Instrument :

FID_G

LabSampleId :

50 PPM TRPH STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07102
Data File : FG016283.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 19:41
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	4.675	4.640	4.721	BB	603324	6030070	93.91%	8.990%
2	6.858	6.822	6.902	BB	620964	6151853	95.80%	9.171%
3	8.700	8.661	8.747	BB	586340	6191181	96.42%	9.230%
4	10.320	10.278	10.369	BB	568785	6251931	97.36%	9.321%
5	11.774	11.738	11.821	BB	560084	6392200	99.55%	9.530%
6	13.095	13.043	13.148	BB	542880	6421260	100.00%	9.573%
7	14.304	14.266	14.355	VB	527068	6215950	96.80%	9.267%
8	15.209	15.162	15.242	BV	406358	5452164	84.91%	8.128%
9	15.415	15.283	15.472	VB	490693	6149152	95.76%	9.167%
10	16.444	16.367	16.487	BB	451353	5994403	93.35%	8.937%
11	17.401	16.968	17.438	BV	443952	5826626	90.74%	8.687%
Sum of corrected areas:						67076788		

FG070925.M Fri Jul 11 04:53:49 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: WALS01
ProjectID: Construction of Shafts 17B-18B - PN 220
Lab Code: ACE SDG No.: Q2487
DataFile: FG016287.D Analyst Name: YP\AJ Analyst Date: 07-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	62962280	125925	115010	9.49

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016287.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 22:10
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 04:16:42 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	5545862	55.466 ug/ml
Target Compounds			
2) N-DECANE	4.674	6210427	53.922 ug/ml
3) N-DODECANE	6.857	6318556	54.498 ug/ml
4) N-TETRADECANE	8.699	6341558	53.727 ug/ml
5) N-HEXADECANE	10.318	6392902	55.271 ug/ml
6) N-OCTADECANE	11.773	6527565	55.611 ug/ml
7) N-EICOSANE	13.094	6551298	54.762 ug/ml
8) N-DOCOSANE	14.302	6332229	54.948 ug/ml
10) N-TETRACOSANE	15.414	6249503	54.699 ug/ml
11) N-HEXACOSANE	16.442	6101926	55.452 ug/ml
12) N-OCTACOSANE	17.397	5936316	54.588 ug/ml

(f)=RT Delta > 1/2 Window

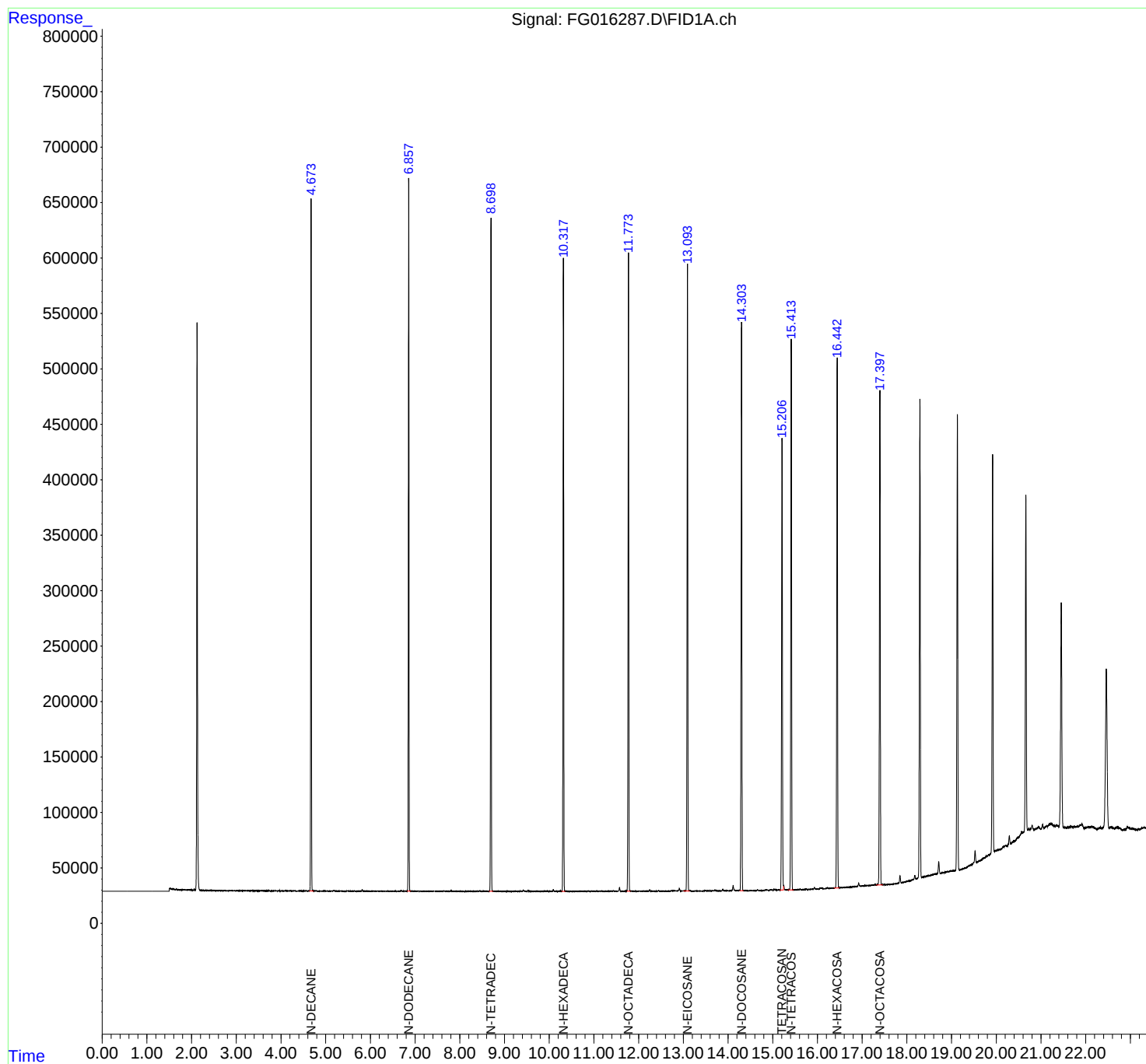
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016287.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 22:10
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 04:16:42 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 : FG016287.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 22:10
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	4.674	4.630	4.732	BB	623855	6210427	94.80%	9.065%
2	6.857	6.823	6.904	BB	642998	6318556	96.45%	9.223%
3	8.699	8.652	8.745	BB	606664	6341558	96.80%	9.257%
4	10.318	10.278	10.359	BB	570738	6392902	97.58%	9.332%
5	11.773	11.734	11.821	BB	575078	6527565	99.64%	9.528%
6	13.094	13.003	13.142	BB	565018	6551298	100.00%	9.563%
7	14.302	14.265	14.349	VB	511456	6332229	96.66%	9.243%
8	15.208	15.157	15.240	BV	406043	5545862	84.65%	8.095%
9	15.414	15.336	15.473	BB	493491	6249503	95.39%	9.122%
10	16.442	16.366	16.493	BB	477918	6101926	93.14%	8.907%
11	17.397	17.316	17.466	BB	446124	5936316	90.61%	8.665%
Sum of corrected areas:						68508141		

FG070925.M Fri Jul 11 04:55:50 2025

Analytical Sequence

Client: Walsh Construction Company II, LLC

SDG No.: Q2487

Project: Construction of Shafts 17B-18B - PN 220084

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 15.0944					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	08 Jul 2025 15:54	FF016105.D	15.104	
50 PPM TRPH STD	50 PPM TRPH STD	08 Jul 2025 16:54	FF016106.D	15.106	
G4(0-6)	Q2487-09	08 Jul 2025 20:23	FF016112.D	15.059	
PIBLK02	LBLK02	08 Jul 2025 20:54	FF016113.D	15.107	
50 PPM TRPH STD	50 PPM TRPH STD	08 Jul 2025 21:53	FF016114.D	15.109	
PIBLK03	LBLK03	09 Jul 2025 09:32	FF016116.D	15.102	
50 PPM TRPH STD	50 PPM TRPH STD	09 Jul 2025 10:02	FF016117.D	15.107	
G3(0-6)	Q2487-11	09 Jul 2025 11:34	FF016119.D	15.059	
G2(0-6)	Q2487-13	09 Jul 2025 12:04	FF016120.D	15.059	
G2(6-12)	Q2487-14	09 Jul 2025 12:34	FF016121.D	15.059	
G1(0-6)	Q2487-15	09 Jul 2025 13:04	FF016122.D	15.052	
G1(6-12)	Q2487-16	09 Jul 2025 13:34	FF016123.D	15.056	
PIBLK04	LBLK04	09 Jul 2025 16:36	FF016126.D	15.102	
50 PPM TRPH STD	50 PPM TRPH STD	09 Jul 2025 17:06	FF016127.D	15.104	
PIBLK05	LBLK05	08 Jul 2025 13:54	FG016244.D	15.203	
50 PPM TRPH STD	50 PPM TRPH STD	08 Jul 2025 14:24	FG016245.D	15.205	
PB168751BL	PB168751BL	08 Jul 2025 15:24	FG016247.D	15.201	
G4(6-12)	Q2487-10	08 Jul 2025 16:24	FG016248.D	15.151	
G4(6-12)	Q2487-10	08 Jul 2025 16:24	FG016248.D	15.152	
G4(6-12)MS	Q2487-10MS	08 Jul 2025 16:54	FG016249.D	15.201	
G4(6-12)MSD	Q2487-10MSD	08 Jul 2025 17:24	FG016250.D	15.152	
G3(6-12)	Q2487-12	08 Jul 2025 17:54	FG016251.D	15.151	
PIBLK06	LBLK06	08 Jul 2025 18:24	FG016252.D	15.201	
50 PPM TRPH STD	50 PPM TRPH STD	08 Jul 2025 18:54	FG016253.D	15.205	
PIBLK07	LBLK07	10 Jul 2025 19:11	FG016282.D	15.206	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 19:41	FG016283.D	15.209	
PB168751BS	PB168751BS	10 Jul 2025 21:11	FG016285.D	15.204	
PIBLK08	LBLK08	10 Jul 2025 21:41	FG016286.D	15.205	
50 PPM TRPH STD	50 PPM TRPH STD	10 Jul 2025 22:10	FG016287.D	15.208	



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	Construction of Shafts 17B-18B - PN 220084		Date Received:		
Client Sample ID:	PB168751BL		SDG No.:	Q2487	
Lab Sample ID:	PB168751BL		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :	PH :				
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016247.D	1	07/08/25 08:35	07/08/25 15:24	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	169	U	169	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	15.8		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_G\Data\FG070825\
Data File : FG016247.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:24
Operator : YP\AJ
Sample : PB168751BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168751BL

Integration File: Sample.e
Quant Time: Jul 09 03:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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	1852080	15.789 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

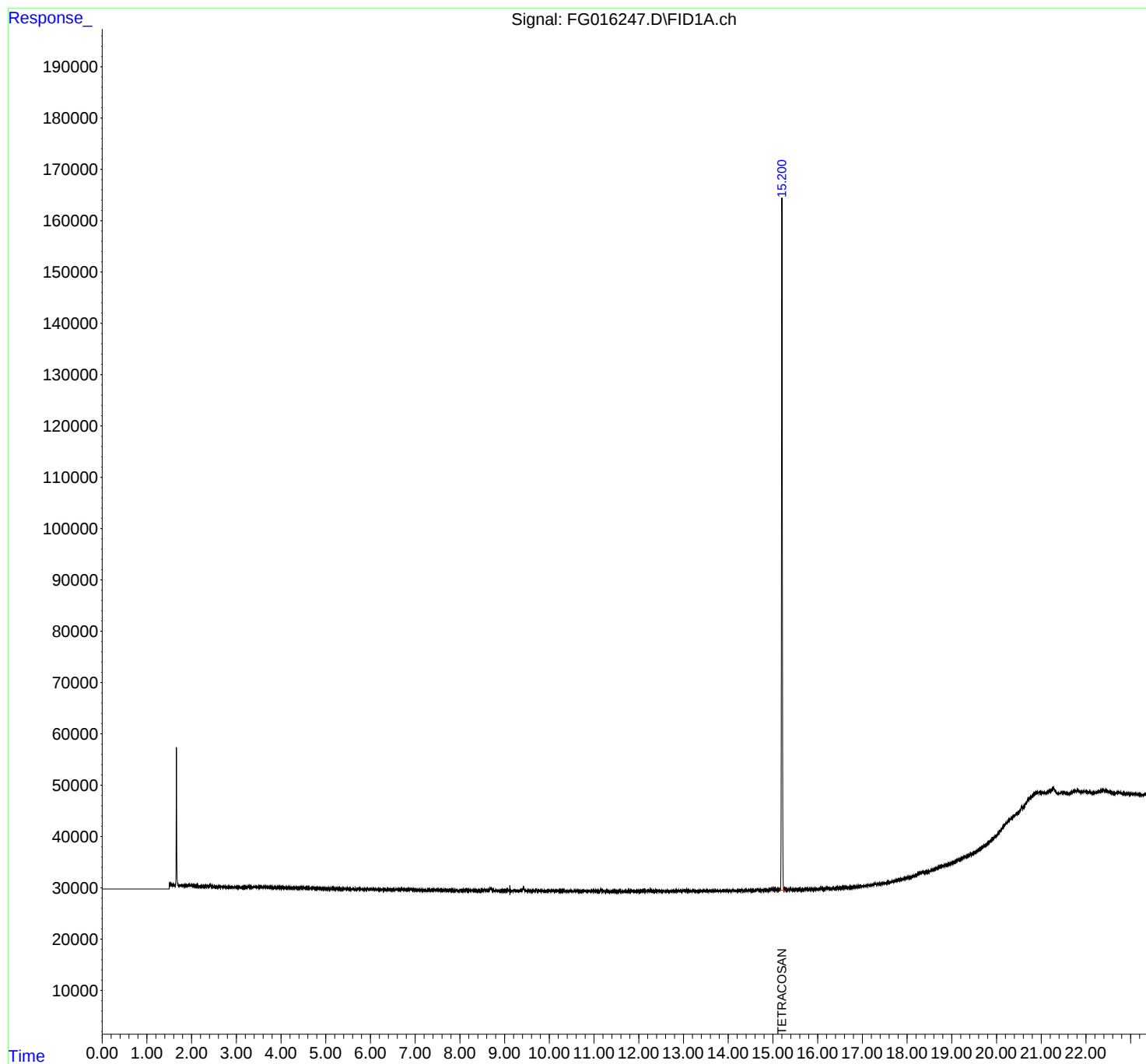
(m)=manual int.

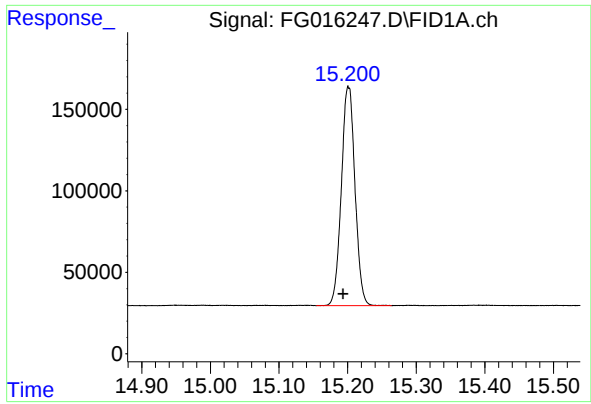
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016247.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:24
Operator : YP\AJ
Sample : PB168751BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168751BL

Integration File: Sample.e
Quant Time: Jul 09 03:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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.: 0.008 min
Response: 1852080
Conc: 15.79 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168751BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016247.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:24
Sample : PB168751BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.201	15.154	15.264	BB	133357	1852080	100.00%	100.000%
Sum of corrected areas:						1852080		

FG061325.M Wed Jul 09 05:42:02 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/08/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/08/25
Client Sample ID:	PIBLK-FF016105.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FF016105.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016105.D	1		07/08/25	FF070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	14.8		29 - 130	74%	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\FF070825\
Data File : FF016105.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 15:54
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 09 02:38:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.104	1784497	14.779 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

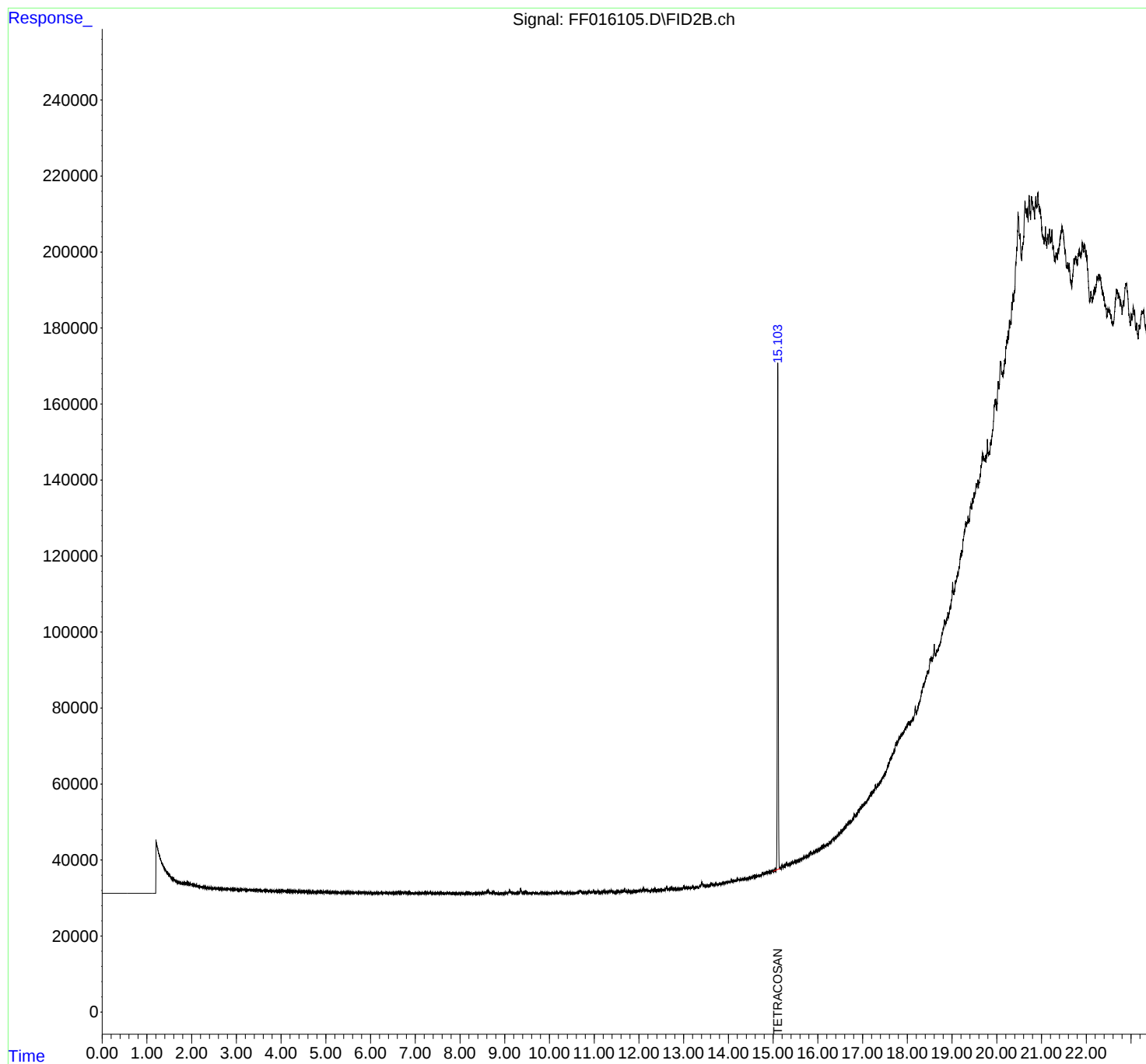
(m)=manual int.

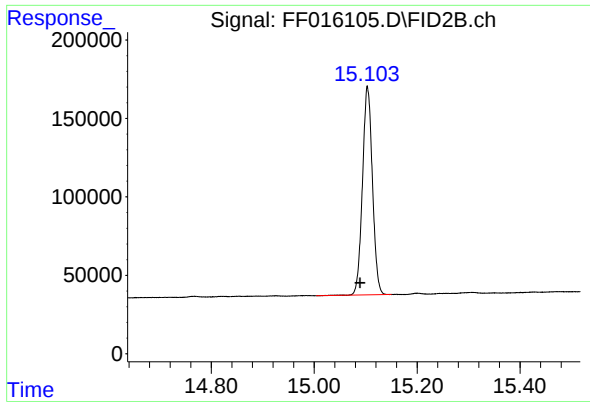
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016105.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 15:54
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 09 02:38:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.104 min
Delta R.T.: 0.014 min
Response: 1784497
Conc: 14.78 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016105.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 15:54
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.104	15.004	15.150	BB	132463	1784497	100.00%	100.000%
Sum of corrected areas:						1784497		

FF061325.M Wed Jul 09 04:15:19 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/08/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/08/25
Client Sample ID:	PIBLK-FF016113.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FF016113.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016113.D	1		07/08/25	FF070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.3		29 - 130	76%	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\FF070825\
Data File : FF016113.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:54
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 09 02:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.107	1844706	15.278 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

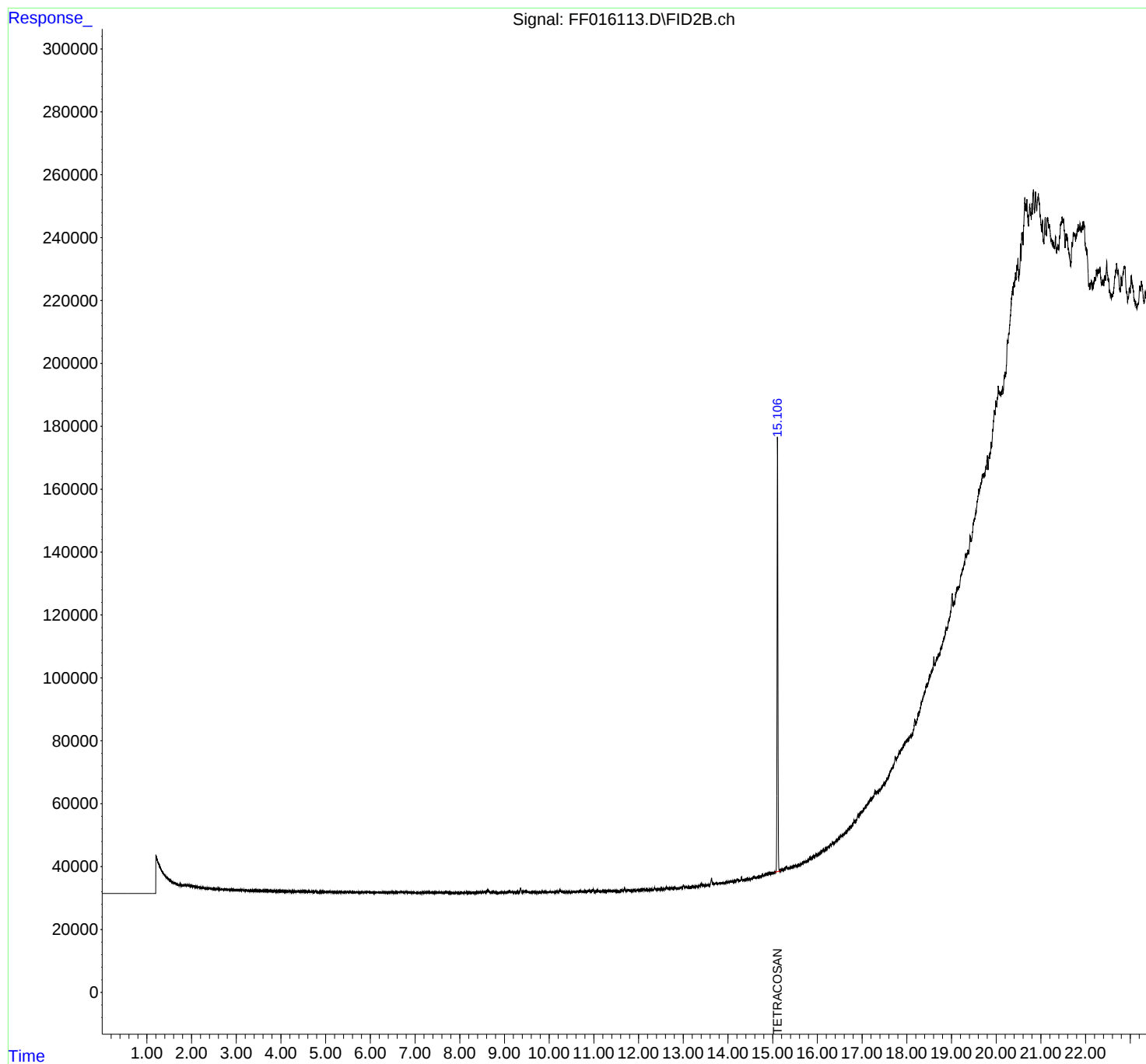
(m)=manual int.

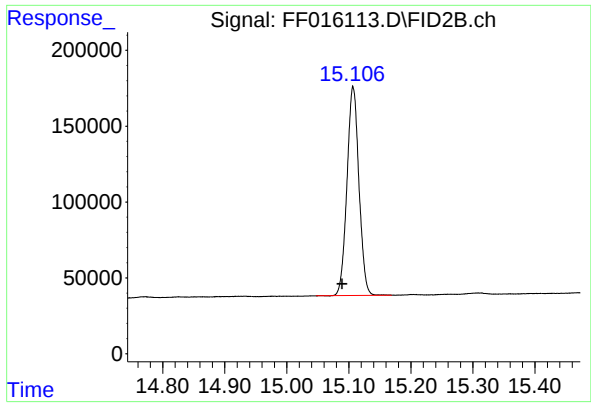
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016113.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:54
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 09 02:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.107 min
Delta R.T.: 0.018 min
Response: 1844706
Conc: 15.28 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070825\
Data File : FF016113.D
Signal(s) : FID2B.ch
Acq On : 08 Jul 2025 20:54
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.107	15.047	15.169	BB	137146	1844706	100.00%	100.000%
Sum of corrected areas:						1844706		

FF061325.M Wed Jul 09 04:15:58 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/09/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/09/25
Client Sample ID:	PIBLK-FF016116.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FF016116.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016116.D	1		07/09/25	FF070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	20.1		29 - 130	100%	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\FF070925\
Data File : FF016116.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 09:32
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 02:49:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.102	2424974	20.084 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

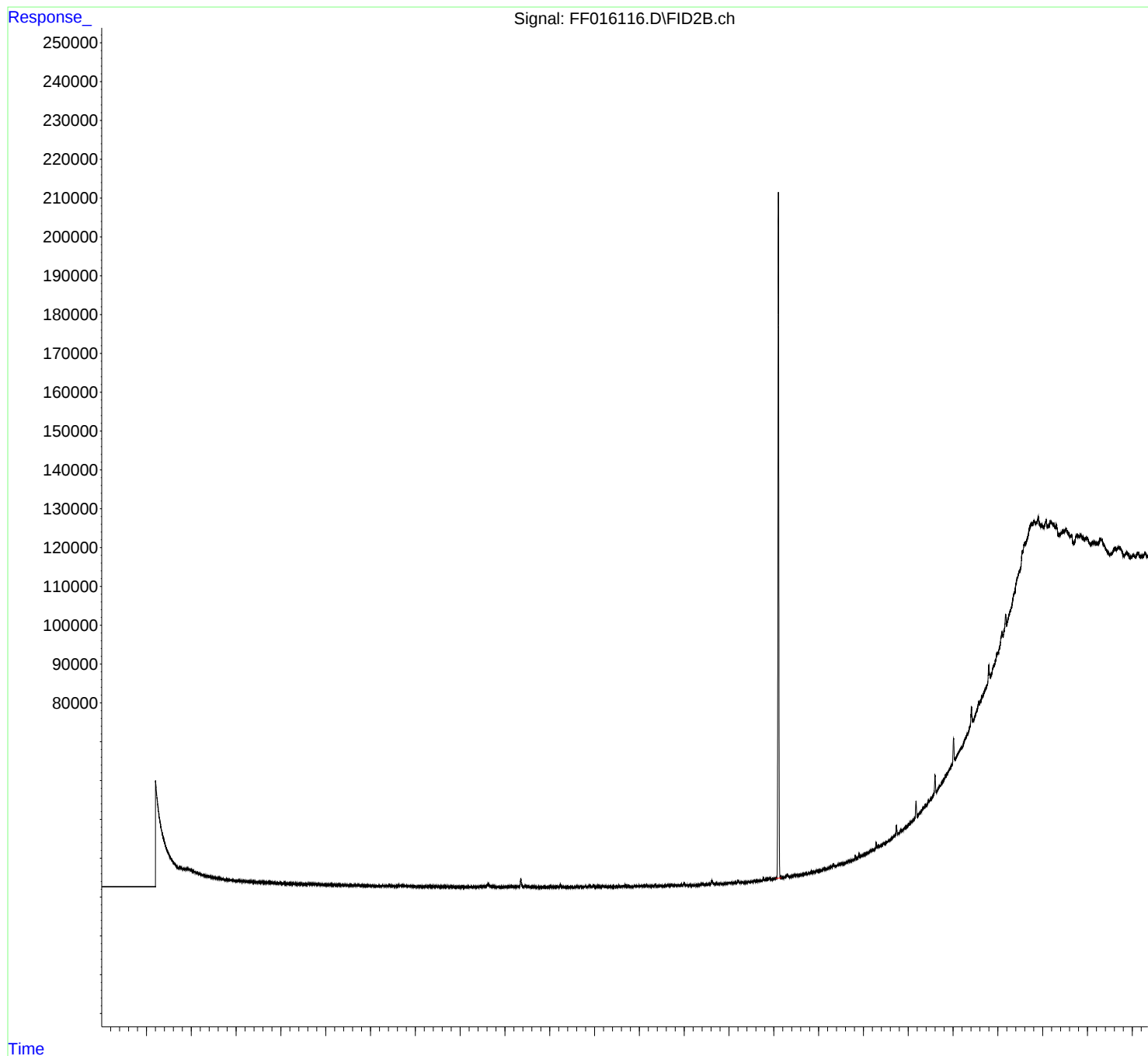
(m)=manual int.

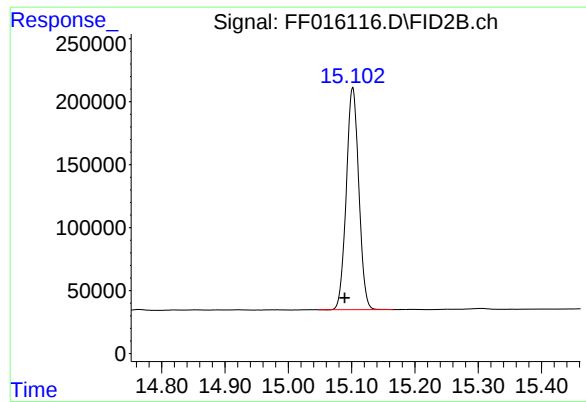
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016116.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 09:32
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 10 02:49:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.102 min
Delta R.T.: 0.013 min
Response: 2424974
Conc: 20.08 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016116.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 09:32

Sample : I.BLK

Misc :

ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.102	15.047	15.166	BB	176895	2424974	100.00%	100.000%
Sum of corrected areas:						2424974		

FF061325.M Thu Jul 10 03:31:37 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/09/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/09/25
Client Sample ID:	PIBLK-FF016126.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FF016126.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016126.D	1		07/09/25	FF070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.2		29 - 130	81%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016126.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 16:36
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 02:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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...	15.102	1954154	16.184 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

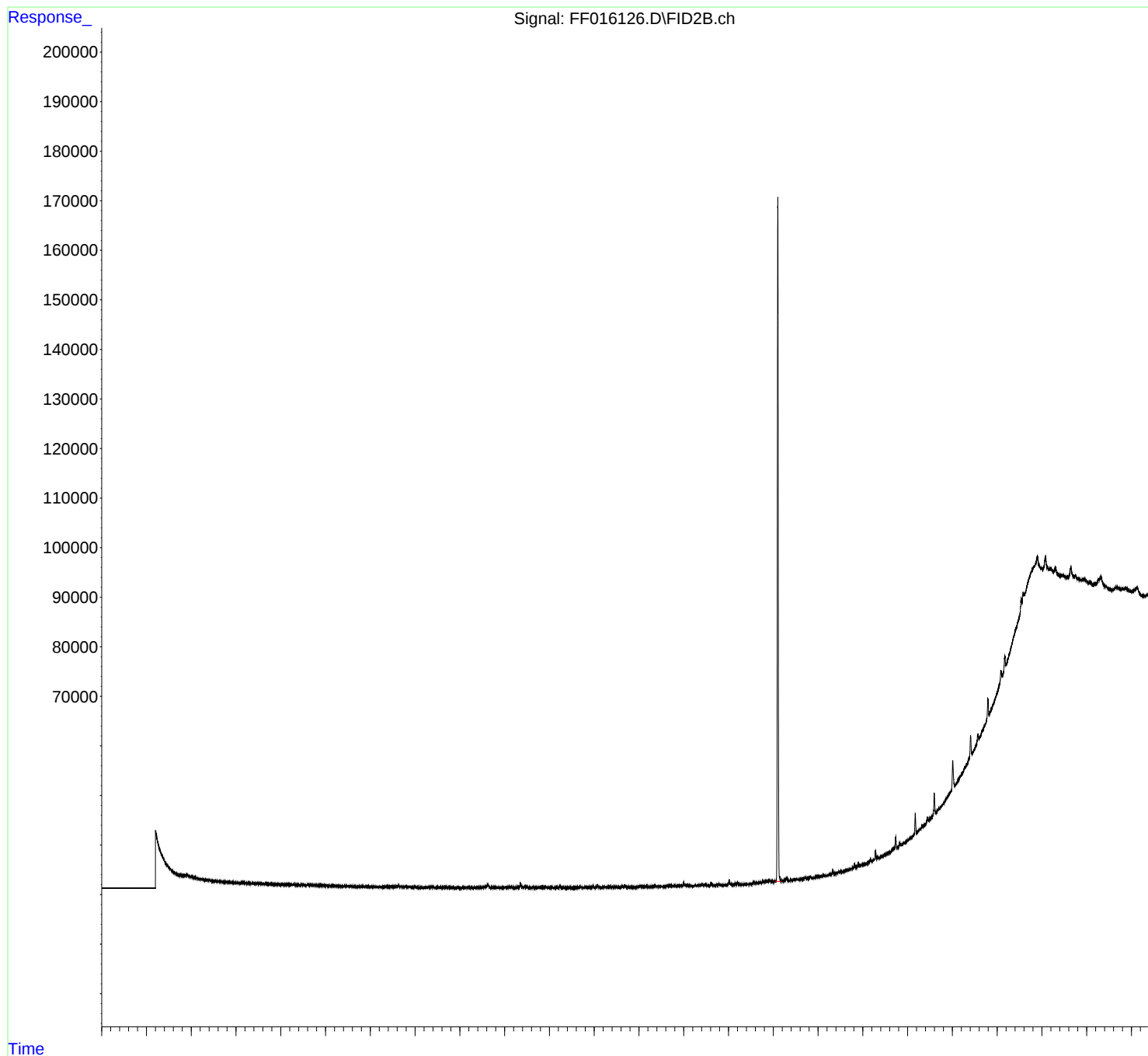
(m)=manual int.

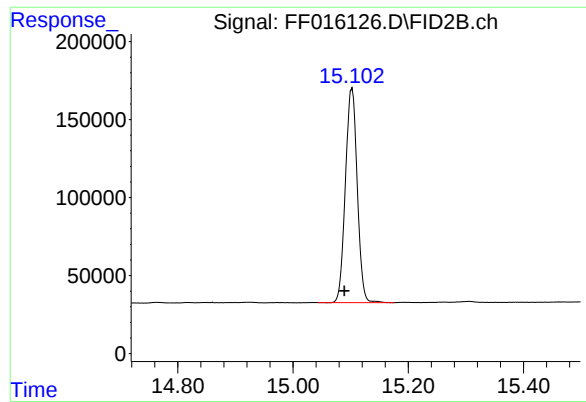
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
Data File : FF016126.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2025 16:36
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 10 02:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Quant Title :
QLast Update : Fri Jun 13 15:23:30 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.: 15.102 min
Delta R.T.: 0.013 min
Response: 1954154
Conc: 16.18 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\

Data File : FF016126.D

Signal(s) : FID2B.ch

Acq On : 09 Jul 2025 16:36

Sample : I.BLK

Misc :

ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.102	15.044	15.174	BB	137569	1954154	100.00%	100.000%
Sum of corrected areas:						1954154		

FF061325.M Thu Jul 10 03:33:30 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/08/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/08/25
Client Sample ID:	PIBLK-FG016244.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FG016244.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016244.D	1		07/08/25	FG070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	17.9		29 - 130	90%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016244.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:54
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Jul 09 03:13:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.203	2100721	17.909 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

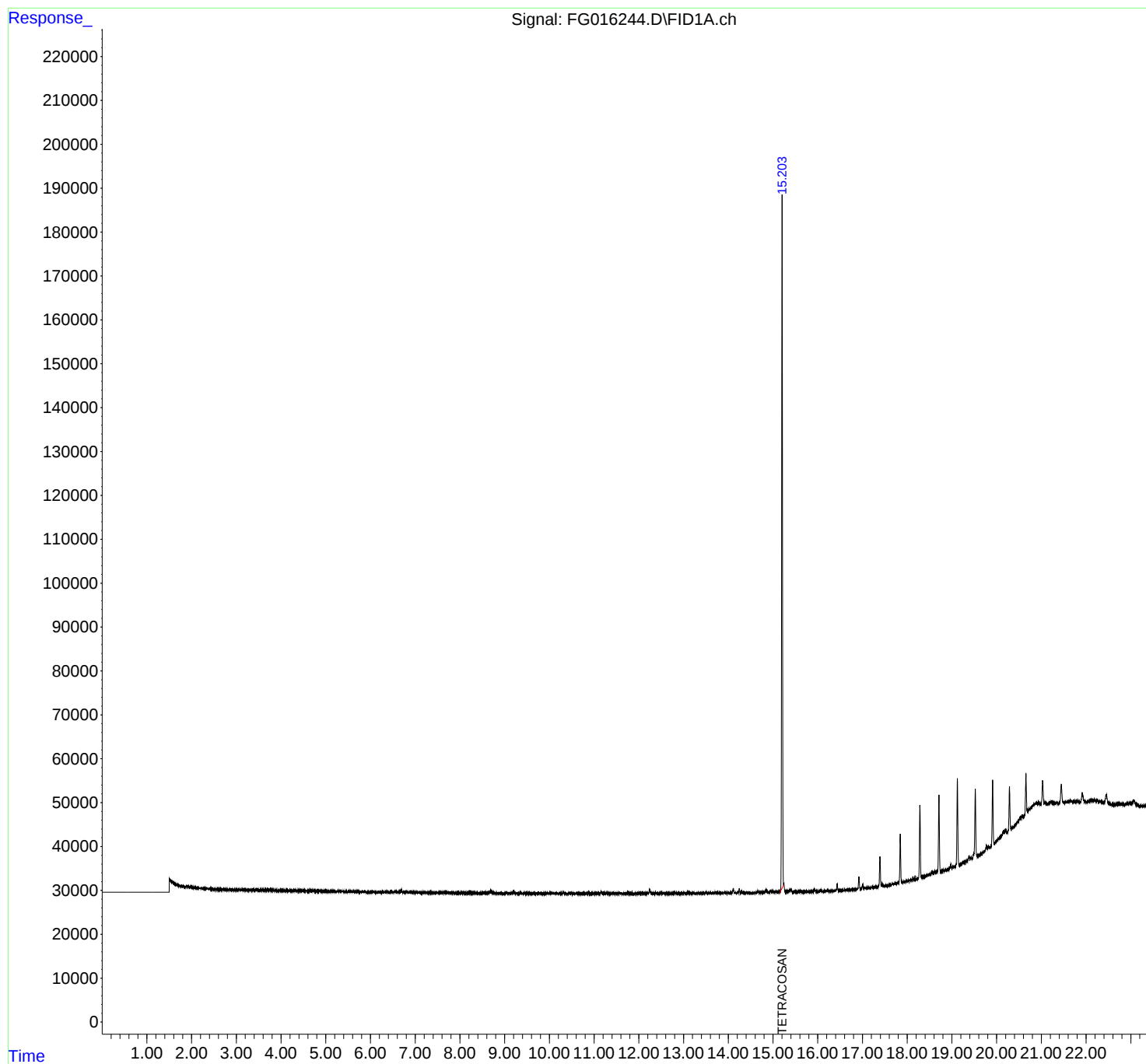
(m)=manual int.

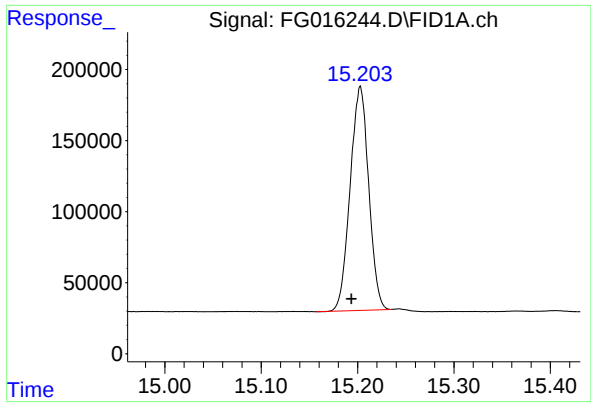
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016244.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:54
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Jul 09 03:13:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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.: 15.203 min
Delta R.T.: 0.009 min
Response: 2100721
Conc: 17.91 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016244.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:54
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.203	15.157	15.235	BV	157753	2100721	100.00%	100.000%
Sum of corrected areas:						2100721		

FG061325.M Wed Jul 09 05:40:36 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/08/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/08/25
Client Sample ID:	PIBLK-FG016252.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FG016252.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016252.D	1		07/08/25	FG070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	18.7		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\FG070825\
Data File : FG016252.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Jul 09 03:15:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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	2188795	18.660 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

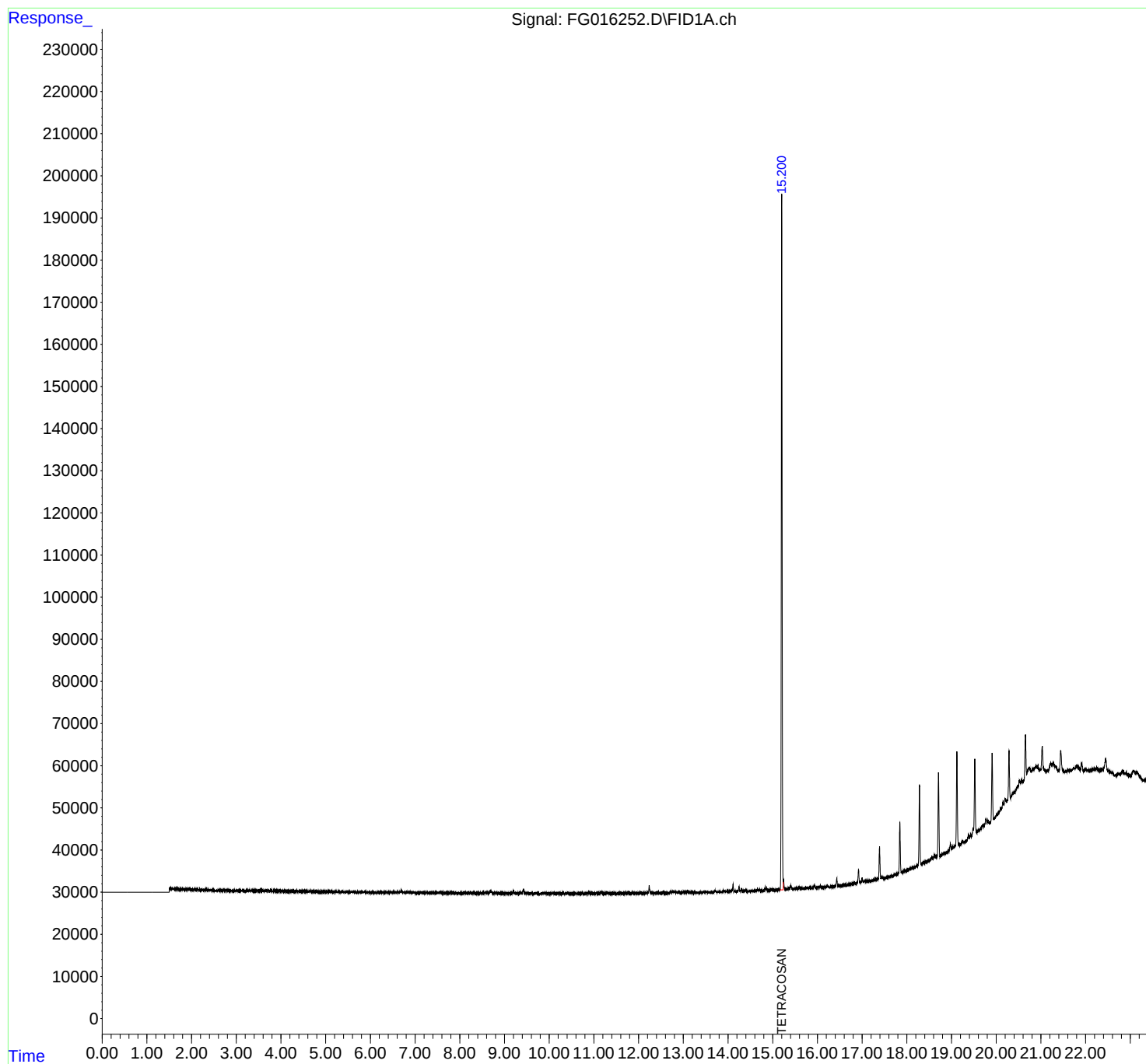
(m)=manual int.

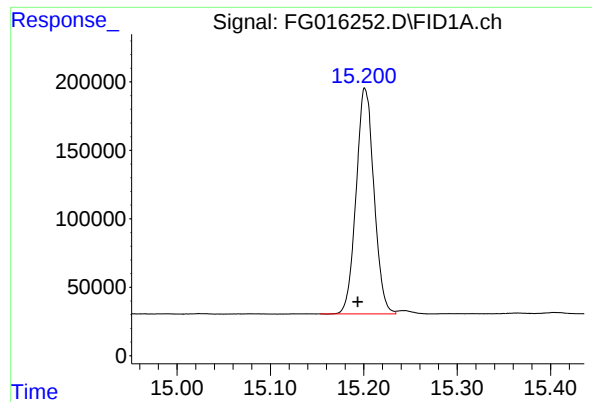
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016252.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Jul 09 03:15:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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.: 0.008 min
Response: 2188795
Conc: 18.66 ug/ml

Instrument :

FID_G

ClientSampleId :

I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016252.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 18:24
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.201	15.153	15.234	BV	164954	2188795	100.00%	100.000%
Sum of corrected areas:						2188795		

FG061325.M Wed Jul 09 05:42:37 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-FG016282.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FG016282.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016282.D	1		07/10/25	FG071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	18.4		29 - 130	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016282.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 19:11
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 11 04:15:43 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...	15.206	1843573	18.438 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

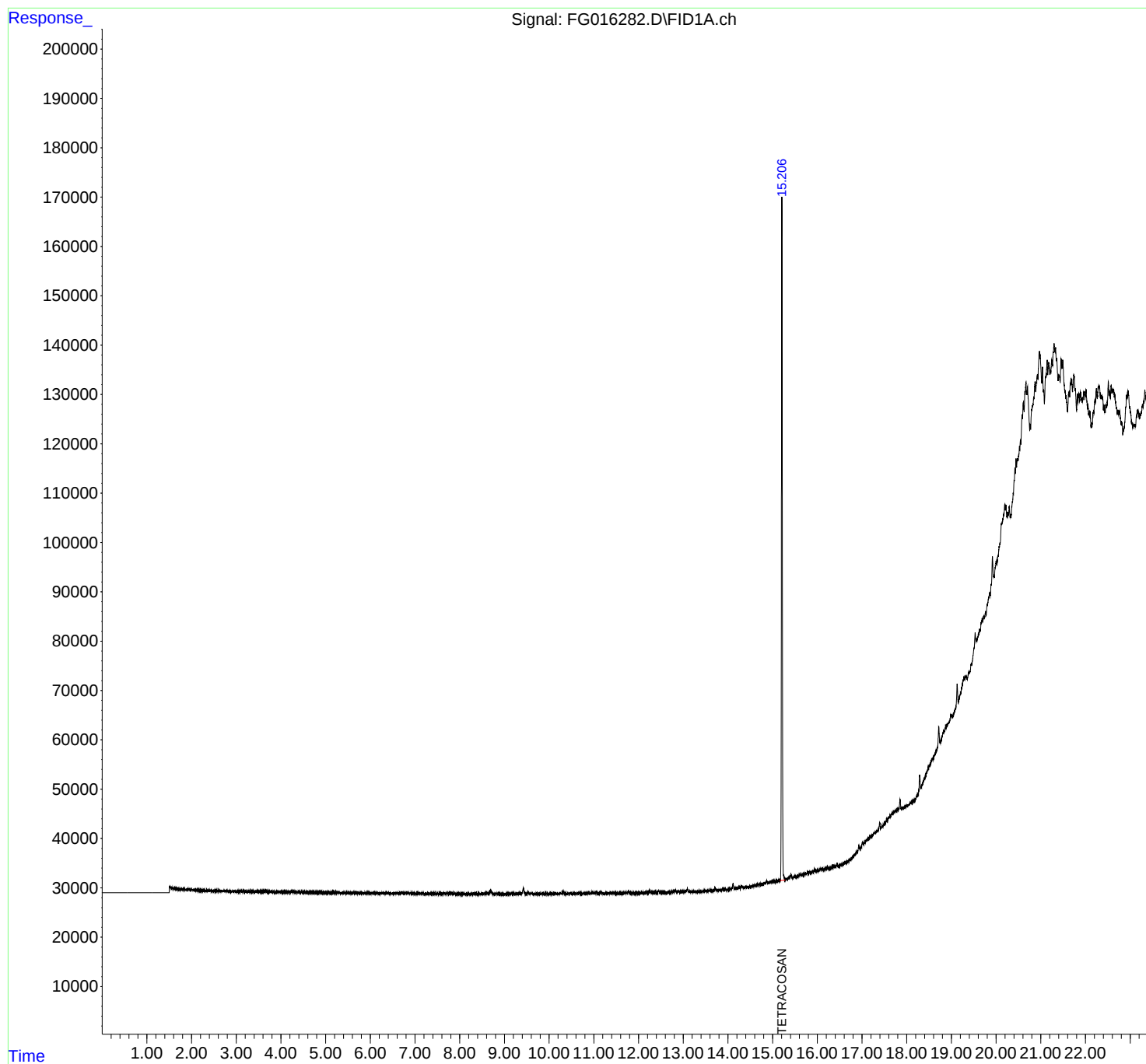
(m)=manual int.

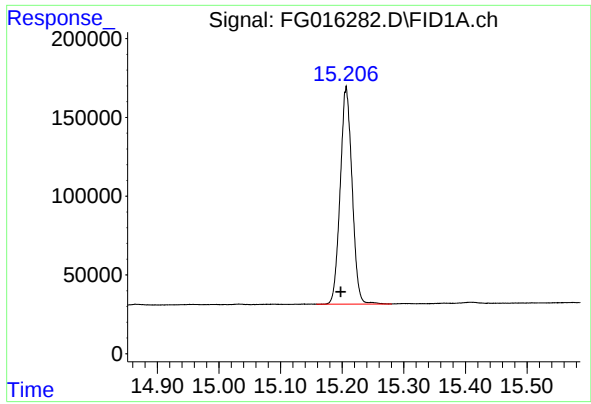
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016282.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 19:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 04:15:43 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.: 15.206 min
Delta R.T.: 0.009 min
Response: 1843573
Conc: 18.44 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016282.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 19:11
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	15.206	15.158	15.280	BB	137580	1843573	100.00%	100.000%
Sum of corrected areas:						1843573		

FG070925.M Fri Jul 11 04:52:55 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-FG016286.D	SDG No.:	Q2487
Lab Sample ID:	I.BLK-FG016286.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016286.D	1		07/10/25	FG071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	18.8		29 - 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 : FG016286.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 04:16:31 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	1874515	18.748 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

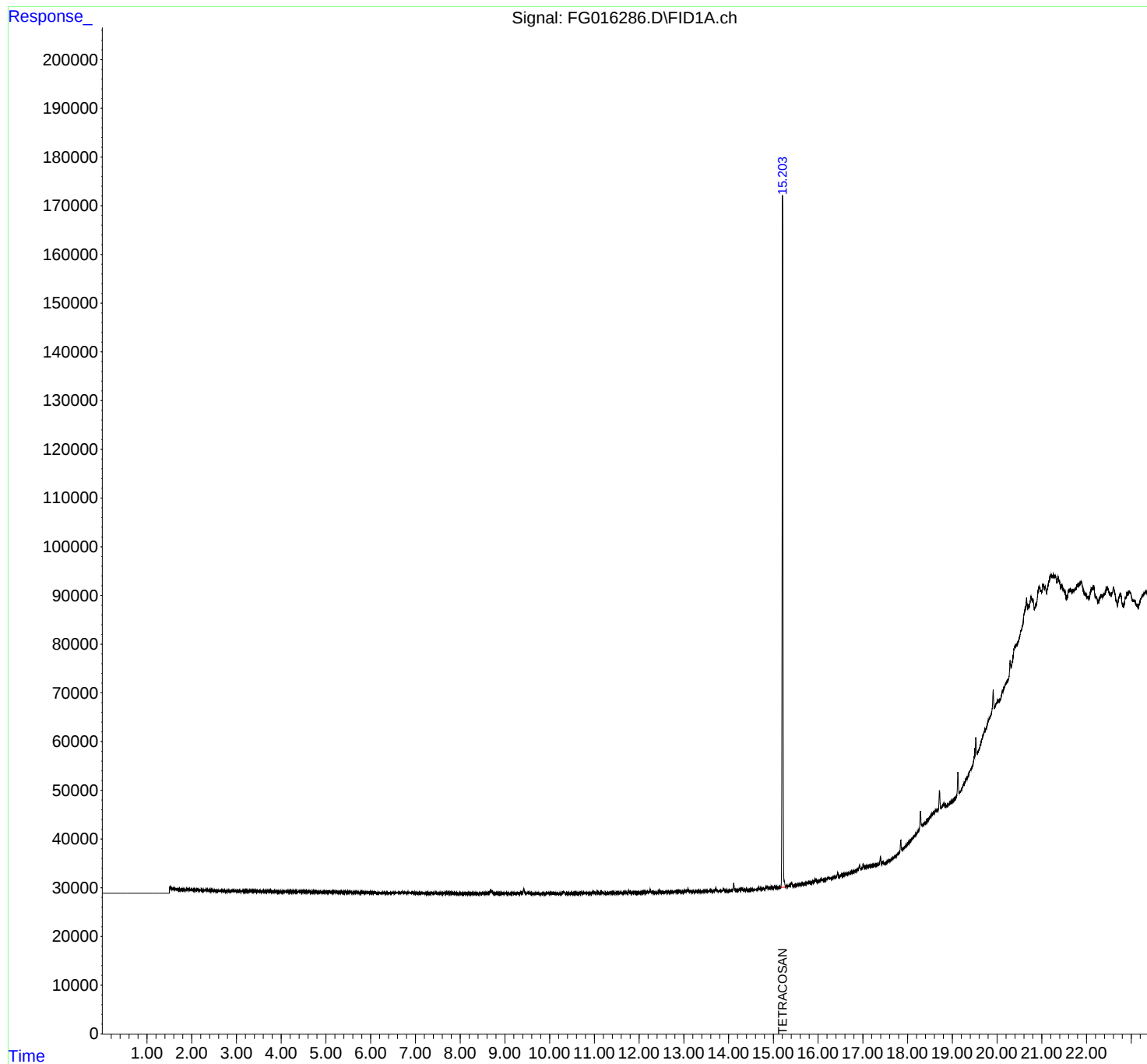
(m)=manual int.

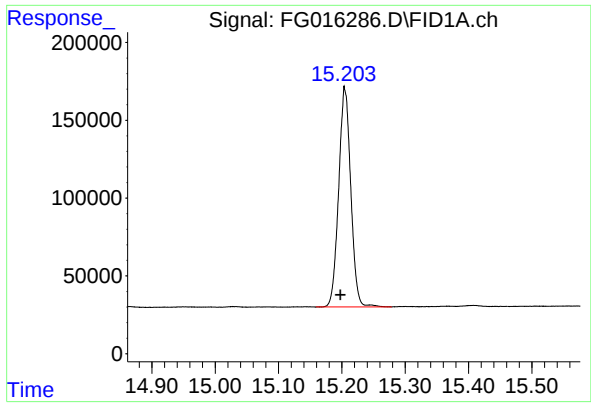
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016286.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Jul 11 04:16:31 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: 1874515
Conc: 18.75 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016286.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:41
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	15.160	15.279	BB	139800	1874515	100.00%	100.000%
Sum of corrected areas:						1874515		

FG070925.M Fri Jul 11 04:54:53 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	Construction of Shafts 17B-18B - PN 220084		Date Received:		
Client Sample ID:	PB168751BS		SDG No.:	Q2487	
Lab Sample ID:	PB168751BS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :	PH :				
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016285.D	1	07/08/25 08:35	07/10/25 21:11	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	5550		169	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	17.9		37 - 130	90%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016285.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:11
Operator : YP\AJ
Sample : PB168751BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168751BS

Integration File: autoint1.e
Quant Time: Jul 11 04:16:18 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	1792766	17.930 ug/ml
Target Compounds			
2) N-DECANE	4.673	1846437	16.032 ug/ml
3) N-DODECANE	6.855	1896017	16.353 ug/ml
4) N-TETRADECANE	8.695	1927691	16.332 ug/ml
5) N-HEXADECANE	10.315	1932364	16.706 ug/ml
6) N-OCTADECANE	11.770	1978951	16.859 ug/ml
7) N-EICOSANE	13.090	2021349	16.896 ug/ml
8) N-DOCOSANE	14.299	1953472	16.951 ug/ml
10) N-TETRACOSANE	15.409	1931995	16.910 ug/ml
11) N-HEXACOSANE	16.439	1853506	16.844 ug/ml
12) N-OCTACOSANE	17.394	1831410	16.841 ug/ml

(f)=RT Delta > 1/2 Window

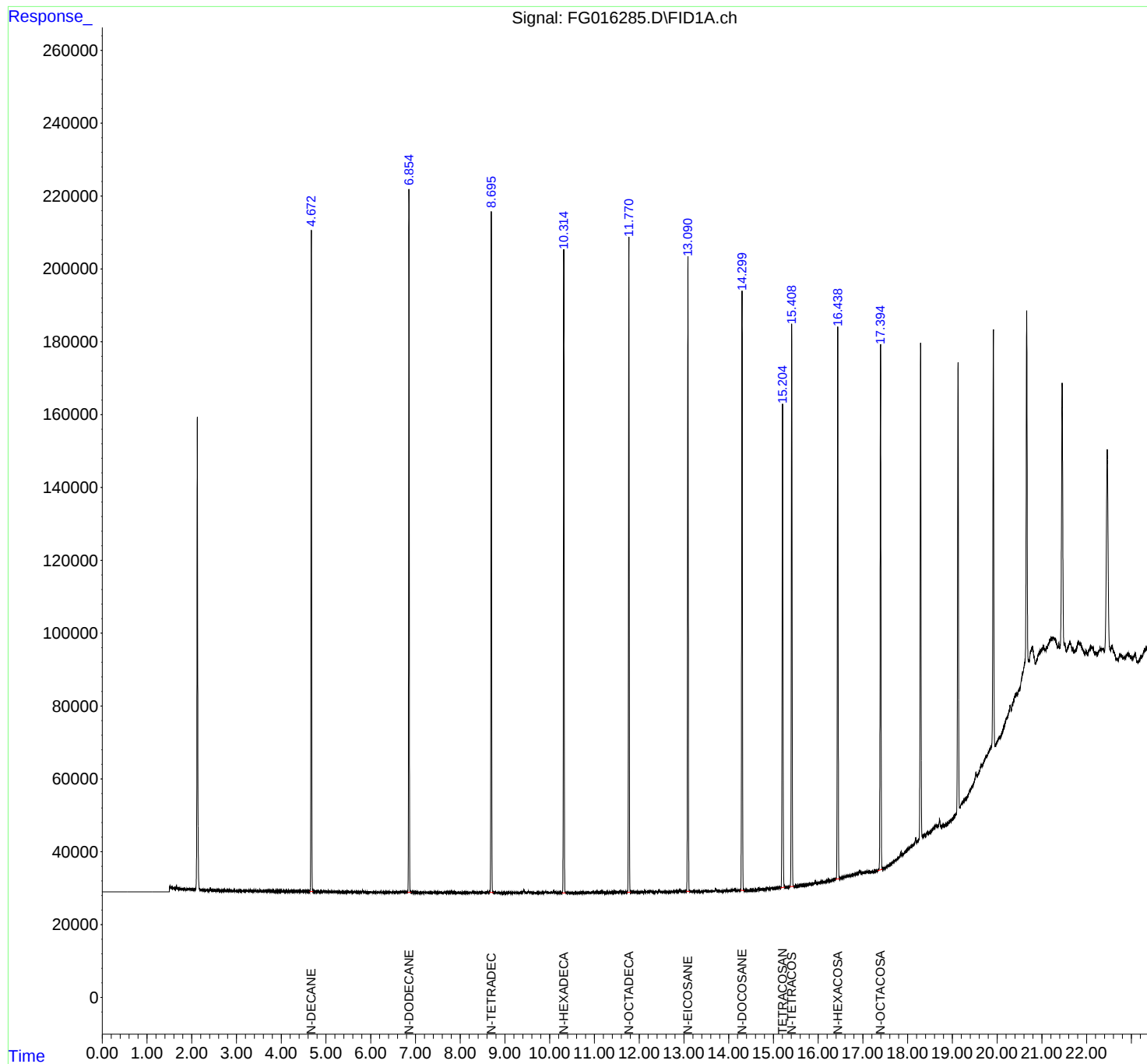
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
Data File : FG016285.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:11
Operator : YP\AJ
Sample : PB168751BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168751BS

Integration File: autoint1.e
Quant Time: Jul 11 04:16:18 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 : FG016285.D
Signal(s) : FID1A.ch
Acq On : 10 Jul 2025 21:11
Sample : PB168751BS
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	4.673	4.637	4.715	BB	181348	1846437	91.35%	8.807%
2	6.855	6.822	6.905	BB	192799	1896017	93.80%	9.043%
3	8.695	8.651	8.743	BB	186799	1927691	95.37%	9.194%
4	10.315	10.272	10.359	BB	176235	1932364	95.60%	9.217%
5	11.770	11.731	11.808	BB	179854	1978951	97.90%	9.439%
6	13.090	13.054	13.136	BB	173509	2021349	100.00%	9.641%
7	14.299	14.251	14.353	BB	164487	1953472	96.64%	9.317%
8	15.204	15.157	15.258	BB	131904	1792766	88.69%	8.551%
9	15.409	15.359	15.461	BB	153080	1931995	95.58%	9.215%
10	16.439	16.386	16.476	BB	151156	1853506	91.70%	8.841%
11	17.394	17.329	17.434	BB	143812	1831410	90.60%	8.735%
Sum of corrected areas:						20965958		

FG070925.M Fri Jul 11 04:54:37 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)MS	SDG No.:	Q2487
Lab Sample ID:	Q2487-10MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	72.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016249.D	1	07/08/25 08:35	07/08/25 16:54	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	18100		233	2290	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	10.8		37 - 130	54%	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\FG070825\
 Data File : FG016249.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 16:54
 Operator : YP\AJ
 Sample : Q2487-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 G4(6-12)MS

Integration File: Sample.e
 Quant Time: Jul 09 03:14:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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	1266515	10.797 ug/ml
Target Compounds			
2) N-DECANE	4.672	1710945	13.637 ug/ml
3) N-DODECANE	6.854	1815818	14.230 ug/ml
4) N-TETRADECANE	8.694	1902281	14.740 ug/ml
5) N-HEXADECANE	10.314	1916070	14.680 ug/ml
6) N-OCTADECANE	11.768	1952138	14.577 ug/ml
7) N-EICOSANE	13.088	2003949	14.814 ug/ml
8) N-DOCOSANE	14.296	1973736	14.971 ug/ml
10) N-TETRACOSANE	15.406	2011381	15.269 ug/ml
11) N-HEXACOSANE	16.435	1921636	14.679 ug/ml
12) N-OCTACOSANE	17.392	1956081	15.142 ug/ml

(f)=RT Delta > 1/2 Window

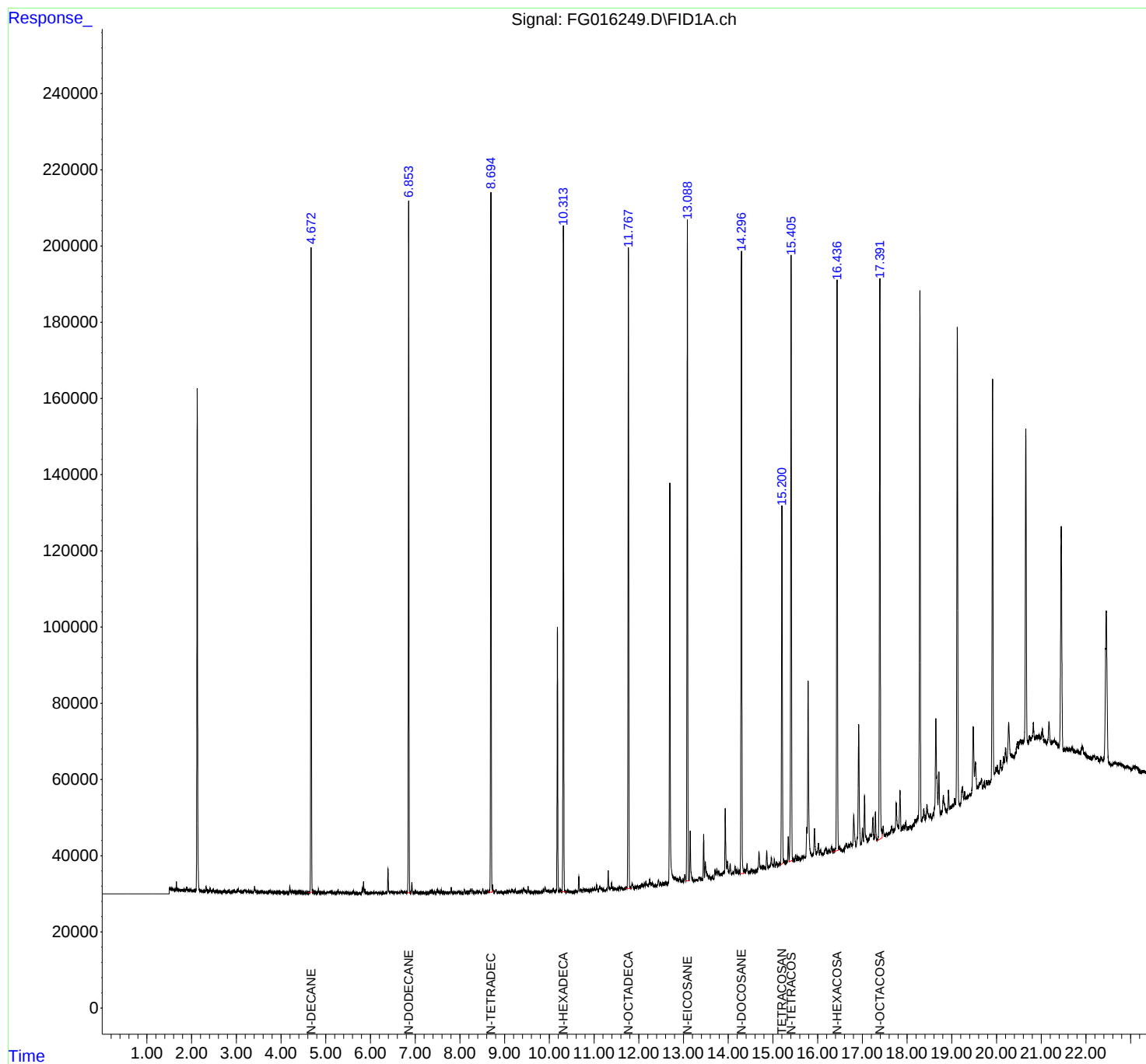
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016249.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:54
Operator : YP\AJ
Sample : Q2487-10MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G4(6-12)MS

Integration File: Sample.e
Quant Time: Jul 09 03:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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\FG070825\
 Data File : FG016249.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 16:54
 Sample : Q2487-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.589	4.585	4.597	HH	298	1896	0.06%	0.004%
2	4.613	4.597	4.621	HH	287	3397	0.12%	0.006%
3	4.632	4.621	4.643	HH	398	4519	0.15%	0.009%
4	4.672	4.643	4.702	HH	169567	1724914	58.61%	3.274%
5	4.713	4.702	4.731	HH	676	8585	0.29%	0.016%
6	4.734	4.731	4.739	HH	357	1479	0.05%	0.003%
7	4.764	4.739	4.777	HH	398	7489	0.25%	0.014%
8	4.789	4.777	4.812	HH	363	4836	0.16%	0.009%
9	4.837	4.812	4.861	HH	1363	16808	0.57%	0.032%
10	4.865	4.861	4.877	HH	294	2230	0.08%	0.004%
11	4.897	4.877	4.902	HH	295	3630	0.12%	0.007%
12	4.906	4.902	4.934	HH	347	4584	0.16%	0.009%
13	4.959	4.934	4.977	HH	493	6749	0.23%	0.013%
14	4.983	4.977	5.004	HH	285	4016	0.14%	0.008%
15	5.038	5.004	5.058	HH	534	10999	0.37%	0.021%
16	5.086	5.058	5.114	HH	478	14254	0.48%	0.027%
17	5.117	5.114	5.161	HH	414	8962	0.30%	0.017%
18	5.188	5.161	5.211	HH	351	7393	0.25%	0.014%
19	5.221	5.211	5.246	HH	242	3686	0.13%	0.007%
20	5.256	5.246	5.262	HH	250	2141	0.07%	0.004%
21	5.277	5.262	5.302	HH	1188	13783	0.47%	0.026%
22	5.309	5.302	5.320	HH	333	2998	0.10%	0.006%
23	5.326	5.320	5.348	HH	413	5037	0.17%	0.010%
24	5.354	5.348	5.365	HH	299	2112	0.07%	0.004%
25	5.385	5.365	5.415	HH	511	8974	0.30%	0.017%
26	5.434	5.415	5.449	HH	352	4917	0.17%	0.009%
27	5.494	5.449	5.514	HH	383	10780	0.37%	0.020%
28	5.553	5.514	5.568	HH	233	4801	0.16%	0.009%
29	5.573	5.568	5.582	HH	161	1023	0.03%	0.002%
30	5.619	5.582	5.644	HH	827	12582	0.43%	0.024%
31	5.654	5.644	5.672	HH	251	3023	0.10%	0.006%
32	5.694	5.672	5.712	HH	254	3703	0.13%	0.007%
33	5.726	5.712	5.732	HH	137	1236	0.04%	0.002%
34	5.737	5.732	5.743	HH	135	700	0.02%	0.001%
35	5.751	5.743	5.779	HH	172	2352	0.08%	0.004%
36	5.784	5.779	5.790	HH	127	549	0.02%	0.001%

					rteres			
37	5.816	5.790	5.830	HH	1526	16051	0.55%	0.030%
38	5.846	5.830	5.864	HH	3198	32512	1.10%	0.062%
39	5.876	5.864	5.904	HH	1189	13684	0.46%	0.026%
40	5.917	5.904	5.929	HH	308	3371	0.11%	0.006%
41	5.932	5.929	5.943	HH	214	1200	0.04%	0.002%
42	5.952	5.943	5.977	HH	168	2470	0.08%	0.005%
43	6.005	5.977	6.031	HH	432	7860	0.27%	0.015%
44	6.063	6.031	6.103	HH	340	10186	0.35%	0.019%
45	6.131	6.103	6.162	HH	422	8914	0.30%	0.017%
46	6.185	6.162	6.202	HH	329	5094	0.17%	0.010%
47	6.207	6.202	6.248	HH	228	3478	0.12%	0.007%
48	6.255	6.248	6.286	HH	252	4743	0.16%	0.009%
49	6.293	6.286	6.323	HH	233	2898	0.10%	0.006%
50	6.350	6.323	6.370	HH	470	7948	0.27%	0.015%
51	6.393	6.370	6.434	HH	6563	74024	2.52%	0.141%
52	6.463	6.434	6.481	HH	691	12835	0.44%	0.024%
53	6.498	6.481	6.525	HH	469	8026	0.27%	0.015%
54	6.543	6.525	6.548	HH	421	4135	0.14%	0.008%
55	6.563	6.548	6.606	HH	523	12173	0.41%	0.023%
56	6.612	6.606	6.634	HH	300	3887	0.13%	0.007%
57	6.650	6.634	6.658	HH	346	4018	0.14%	0.008%
58	6.687	6.658	6.703	HH	966	14414	0.49%	0.027%
59	6.714	6.703	6.722	HH	463	4723	0.16%	0.009%
60	6.734	6.722	6.739	HH	410	3712	0.13%	0.007%
61	6.755	6.739	6.792	HH	716	14065	0.48%	0.027%
62	6.799	6.792	6.811	HH	349	3345	0.11%	0.006%
63	6.854	6.811	6.906	HH	181998	1831536	62.24%	3.477%
64	6.926	6.906	6.966	HH	3049	34901	1.19%	0.066%
65	6.973	6.966	6.989	HH	314	3348	0.11%	0.006%
66	7.008	6.989	7.034	HH	901	12303	0.42%	0.023%
67	7.048	7.034	7.072	HH	516	7595	0.26%	0.014%
68	7.080	7.072	7.097	HH	279	2896	0.10%	0.005%
69	7.108	7.097	7.119	HH	216	2159	0.07%	0.004%
70	7.139	7.119	7.158	HH	452	6763	0.23%	0.013%
71	7.182	7.158	7.214	HH	410	9082	0.31%	0.017%
72	7.226	7.214	7.238	HH	201	2213	0.08%	0.004%
73	7.248	7.238	7.254	HH	247	1846	0.06%	0.004%
74	7.262	7.254	7.281	HH	296	4125	0.14%	0.008%
75	7.282	7.281	7.303	HH	215	2005	0.07%	0.004%
76	7.314	7.303	7.327	HH	358	3193	0.11%	0.006%
77	7.341	7.327	7.355	HH	827	9486	0.32%	0.018%
78	7.373	7.355	7.381	HH	651	9087	0.31%	0.017%
79	7.389	7.381	7.415	HH	699	9726	0.33%	0.018%
80	7.430	7.415	7.461	HH	575	8962	0.30%	0.017%
81	7.494	7.461	7.512	HH	1065	16841	0.57%	0.032%
82	7.530	7.512	7.562	HH	684	13429	0.46%	0.025%
83	7.580	7.562	7.613	HH	1099	16448	0.56%	0.031%
84	7.634	7.613	7.657	HH	747	10181	0.35%	0.019%
85	7.680	7.657	7.696	HH	489	7633	0.26%	0.014%
86	7.707	7.696	7.729	HH	279	4955	0.17%	0.009%
87	7.731	7.729	7.747	HH	234	1723	0.06%	0.003%
88	7.766	7.747	7.772	HH	292	3334	0.11%	0.006%
89	7.777	7.772	7.782	HH	298	1634	0.06%	0.003%

					rteres			
90	7.806	7.782	7.842	HH	1693	22671	0.77%	0.043%
91	7.862	7.842	7.894	HH	353	8011	0.27%	0.015%
92	7.900	7.894	7.907	HH	257	1712	0.06%	0.003%
93	7.930	7.907	7.954	HH	390	8194	0.28%	0.016%
94	7.966	7.954	7.977	HH	627	6661	0.23%	0.013%
95	7.984	7.977	8.016	HH	619	8649	0.29%	0.016%
96	8.026	8.016	8.057	HH	360	5341	0.18%	0.010%
97	8.098	8.057	8.127	HH	1043	16931	0.58%	0.032%
98	8.148	8.127	8.154	HH	363	4444	0.15%	0.008%
99	8.155	8.154	8.169	HH	382	2270	0.08%	0.004%
100	8.179	8.169	8.192	HH	315	3349	0.11%	0.006%
101	8.199	8.192	8.209	HH	290	2364	0.08%	0.004%
102	8.232	8.209	8.253	HH	1017	16744	0.57%	0.032%
103	8.268	8.253	8.286	HH	1348	17246	0.59%	0.033%
104	8.297	8.286	8.320	HH	527	7061	0.24%	0.013%
105	8.342	8.320	8.364	HH	441	7358	0.25%	0.014%
106	8.386	8.364	8.412	HH	677	12376	0.42%	0.023%
107	8.443	8.412	8.479	HH	571	15798	0.54%	0.030%
108	8.513	8.479	8.549	HH	1359	25398	0.86%	0.048%
109	8.583	8.549	8.599	HH	593	13591	0.46%	0.026%
110	8.620	8.599	8.634	HH	817	12772	0.43%	0.024%
111	8.648	8.634	8.660	HH	767	10697	0.36%	0.020%
112	8.694	8.660	8.720	HH	183977	1914255	65.05%	3.634%
113	8.732	8.720	8.766	HH	2327	31482	1.07%	0.060%
114	8.771	8.766	8.775	HH	424	2143	0.07%	0.004%
115	8.807	8.775	8.849	HH	1203	27555	0.94%	0.052%
116	8.865	8.849	8.877	HH	465	6703	0.23%	0.013%
117	8.885	8.877	8.909	HH	409	6745	0.23%	0.013%
118	8.926	8.909	8.968	HH	512	12061	0.41%	0.023%
119	8.974	8.968	8.978	HH	256	1269	0.04%	0.002%
120	8.992	8.978	9.012	HH	439	7051	0.24%	0.013%
121	9.022	9.012	9.041	HH	349	5643	0.19%	0.011%
122	9.061	9.041	9.092	HH	634	15141	0.51%	0.029%
123	9.106	9.092	9.140	HH	839	17246	0.59%	0.033%
124	9.167	9.140	9.188	HH	1160	21130	0.72%	0.040%
125	9.238	9.188	9.271	HH	1205	29810	1.01%	0.057%
126	9.297	9.271	9.312	HH	390	8478	0.29%	0.016%
127	9.326	9.312	9.336	HH	457	5774	0.20%	0.011%
128	9.348	9.336	9.363	HH	667	8757	0.30%	0.017%
129	9.384	9.363	9.401	HH	947	15467	0.53%	0.029%
130	9.423	9.401	9.471	HH	1409	36023	1.22%	0.068%
131	9.474	9.471	9.491	HH	693	5665	0.19%	0.011%
132	9.495	9.491	9.500	HH	406	2091	0.07%	0.004%
133	9.526	9.500	9.549	HH	1936	28541	0.97%	0.054%
134	9.560	9.549	9.603	HH	675	14241	0.48%	0.027%
135	9.609	9.603	9.660	HH	414	11530	0.39%	0.022%
136	9.676	9.660	9.697	HH	581	8779	0.30%	0.017%
137	9.712	9.697	9.732	HH	682	10473	0.36%	0.020%
138	9.739	9.732	9.751	HH	377	3927	0.13%	0.007%
139	9.762	9.751	9.777	HH	488	5998	0.20%	0.011%
140	9.788	9.777	9.803	HH	475	6185	0.21%	0.012%
141	9.817	9.803	9.839	HH	700	11190	0.38%	0.021%

					rteres			
142	9.865	9.839	9.883	HH	1055	18317	0.62%	0.035%
143	9.904	9.883	9.938	HH	1772	36224	1.23%	0.069%
144	9.950	9.938	9.965	HH	811	11671	0.40%	0.022%
145	9.983	9.965	10.011	HH	949	19056	0.65%	0.036%
146	10.026	10.011	10.032	HH	601	6955	0.24%	0.013%
147	10.050	10.032	10.066	HH	853	13787	0.47%	0.026%
148	10.090	10.066	10.121	HH	1419	26971	0.92%	0.051%
149	10.150	10.121	10.156	HH	893	14296	0.49%	0.027%
150	10.181	10.156	10.219	HH	69894	703616	23.91%	1.336%
151	10.246	10.219	10.281	HH	1180	29396	1.00%	0.056%
152	10.314	10.281	10.386	HH	174862	1949065	66.23%	3.700%
153	10.419	10.386	10.443	HH	830	21296	0.72%	0.040%
154	10.445	10.443	10.459	HH	520	4604	0.16%	0.009%
155	10.465	10.459	10.473	HH	455	3616	0.12%	0.007%
156	10.486	10.473	10.511	HH	593	11550	0.39%	0.022%
157	10.542	10.511	10.571	HH	494	15690	0.53%	0.030%
158	10.595	10.571	10.609	HH	860	14597	0.50%	0.028%
159	10.624	10.609	10.633	HH	652	8787	0.30%	0.017%
160	10.659	10.633	10.687	HH	4492	61530	2.09%	0.117%
161	10.705	10.687	10.729	HH	1213	23506	0.80%	0.045%
162	10.756	10.729	10.777	HH	1112	27091	0.92%	0.051%
163	10.792	10.777	10.820	HH	1145	24314	0.83%	0.046%
164	10.833	10.820	10.847	HH	1022	14992	0.51%	0.028%
165	10.861	10.847	10.896	HH	1009	25410	0.86%	0.048%
166	10.916	10.896	10.942	HH	1103	27049	0.92%	0.051%
167	10.962	10.942	10.982	HH	1255	24728	0.84%	0.047%
168	11.010	10.982	11.031	HH	1580	33523	1.14%	0.064%
169	11.058	11.031	11.096	HH	2335	53384	1.81%	0.101%
170	11.129	11.096	11.147	HH	1774	42759	1.45%	0.081%
171	11.158	11.147	11.197	HH	1429	36013	1.22%	0.068%
172	11.212	11.197	11.252	HH	1156	32718	1.11%	0.062%
173	11.282	11.252	11.294	HH	1309	26541	0.90%	0.050%
174	11.316	11.294	11.337	HH	6061	78621	2.67%	0.149%
175	11.351	11.337	11.366	HH	1491	24041	0.82%	0.046%
176	11.391	11.366	11.449	HH	2863	83920	2.85%	0.159%
177	11.453	11.449	11.477	HH	1359	21292	0.72%	0.040%
178	11.489	11.477	11.506	HH	1222	20493	0.70%	0.039%
179	11.519	11.506	11.532	HH	1290	19599	0.67%	0.037%
180	11.571	11.532	11.591	HH	1655	48229	1.64%	0.092%
181	11.604	11.591	11.619	HH	1744	25823	0.88%	0.049%
182	11.625	11.619	11.658	HH	1518	30319	1.03%	0.058%
183	11.685	11.658	11.697	HH	1399	31554	1.07%	0.060%
184	11.710	11.697	11.717	HH	1485	16981	0.58%	0.032%
185	11.768	11.717	11.822	HH	169221	2041778	69.38%	3.876%
186	11.849	11.822	11.897	HH	2605	85405	2.90%	0.162%
187	11.925	11.897	11.944	HH	1892	46398	1.58%	0.088%
188	11.967	11.944	11.993	HH	2123	52434	1.78%	0.100%
189	12.016	11.993	12.032	HH	2136	44696	1.52%	0.085%
190	12.075	12.032	12.102	HH	2348	87012	2.96%	0.165%
191	12.126	12.102	12.142	HH	2903	55081	1.87%	0.105%
192	12.159	12.142	12.175	HH	3324	53907	1.83%	0.102%
193	12.186	12.175	12.207	HH	2441	42397	1.44%	0.080%
194	12.243	12.207	12.267	HH	3808	101650	3.45%	0.193%

					rteres			
195	12.277	12.267	12.292	HH	2853	39972	1.36%	0.076%
196	12.306	12.292	12.337	HH	2997	65490	2.23%	0.124%
197	12.380	12.337	12.402	HH	2182	77912	2.65%	0.148%
198	12.441	12.402	12.464	HH	3582	101504	3.45%	0.193%
199	12.485	12.464	12.512	HH	2998	74215	2.52%	0.141%
200	12.535	12.512	12.554	HH	3091	66977	2.28%	0.127%
201	12.603	12.554	12.622	HH	3247	111804	3.80%	0.212%
202	12.639	12.622	12.647	HH	2709	39209	1.33%	0.074%
203	12.695	12.647	12.769	HH	108080	1502516	51.06%	2.852%
204	12.779	12.769	12.796	HH	4498	66810	2.27%	0.127%
205	12.809	12.796	12.896	HH	4162	230002	7.82%	0.437%
206	12.916	12.896	12.961	HH	4398	143733	4.88%	0.273%
207	12.983	12.961	12.996	HH	3474	68843	2.34%	0.131%
208	13.031	12.996	13.054	HH	5019	141684	4.81%	0.269%
209	13.087	13.054	13.125	HH	176218	2148111	72.99%	4.078%
210	13.151	13.125	13.190	HH	16521	298967	10.16%	0.567%
211	13.200	13.190	13.227	HH	4147	83008	2.82%	0.158%
212	13.239	13.227	13.256	HH	3440	58634	1.99%	0.111%
213	13.259	13.256	13.267	HH	3501	23346	0.79%	0.044%
214	13.285	13.267	13.300	HH	3749	71730	2.44%	0.136%
215	13.313	13.300	13.322	HH	3589	47959	1.63%	0.091%
216	13.344	13.322	13.387	HH	4319	154049	5.23%	0.292%
217	13.394	13.387	13.427	HH	3925	89973	3.06%	0.171%
218	13.452	13.427	13.472	HH	15656	225076	7.65%	0.427%
219	13.490	13.472	13.527	HH	8284	206198	7.01%	0.391%
220	13.540	13.527	13.561	HH	5020	92517	3.14%	0.176%
221	13.579	13.561	13.601	HH	4799	102850	3.49%	0.195%
222	13.626	13.601	13.636	HH	4416	86459	2.94%	0.164%
223	13.651	13.636	13.678	HH	4641	107496	3.65%	0.204%
224	13.704	13.678	13.725	HH	6146	145331	4.94%	0.276%
225	13.747	13.725	13.771	HH	6247	153817	5.23%	0.292%
226	13.786	13.771	13.819	HH	5903	154714	5.26%	0.294%
227	13.850	13.819	13.864	HH	5223	136765	4.65%	0.260%
228	13.882	13.864	13.893	HH	5435	92363	3.14%	0.175%
229	13.934	13.893	13.969	HH	22115	456232	15.50%	0.866%
230	13.985	13.969	14.011	HH	8398	172978	5.88%	0.328%
231	14.044	14.011	14.077	HH	7827	246822	8.39%	0.469%
232	14.113	14.077	14.124	HH	5622	150261	5.11%	0.285%
233	14.152	14.124	14.176	HH	7079	187752	6.38%	0.356%
234	14.193	14.176	14.214	HH	6386	133155	4.52%	0.253%
235	14.244	14.214	14.261	HH	6162	160740	5.46%	0.305%
236	14.296	14.261	14.349	HH	168749	2255001	76.63%	4.280%
237	14.363	14.349	14.382	HH	6499	120427	4.09%	0.229%
238	14.422	14.382	14.461	HH	7711	296826	10.09%	0.563%
239	14.472	14.461	14.485	HH	5698	81047	2.75%	0.154%
240	14.527	14.485	14.567	HH	6232	286647	9.74%	0.544%
241	14.588	14.567	14.628	HH	6028	216321	7.35%	0.411%
242	14.688	14.628	14.747	HH	10953	524226	17.81%	0.995%
243	14.783	14.747	14.804	HH	7266	237222	8.06%	0.450%
244	14.817	14.804	14.834	HH	6973	121664	4.13%	0.231%
245	14.861	14.834	14.909	HH	11192	363797	12.36%	0.691%
246	14.965	14.909	15.012	HH	9470	480538	16.33%	0.912%

					rteres			
247	15.030	15.012	15.052	HH	9100	191986	6.52%	0.364%
248	15.081	15.052	15.116	HH	8300	293319	9.97%	0.557%
249	15.148	15.116	15.165	HH	8029	231388	7.86%	0.439%
250	15.201	15.165	15.237	HH	101854	1604888	54.53%	3.046%
251	15.250	15.237	15.276	HH	8636	191088	6.49%	0.363%
252	15.294	15.276	15.312	HH	8729	182404	6.20%	0.346%
253	15.343	15.312	15.363	HH	14954	328015	11.15%	0.623%
254	15.406	15.363	15.468	HH	167386	2561199	87.03%	4.862%
255	15.507	15.468	15.528	HH	10189	328789	11.17%	0.624%
256	15.549	15.528	15.566	HH	9849	212469	7.22%	0.403%
257	15.583	15.566	15.622	HH	9273	308421	10.48%	0.585%
258	15.647	15.622	15.675	HH	9708	295965	10.06%	0.562%
259	15.686	15.675	15.726	HH	9634	289109	9.82%	0.549%
260	15.787	15.726	15.876	HH	55221	1646444	55.95%	3.125%
261	15.929	15.876	15.965	HH	17136	652978	22.19%	1.239%
262	15.982	15.965	15.994	HH	11033	184983	6.29%	0.351%
263	16.017	15.994	16.044	HH	13092	350619	11.91%	0.666%
264	16.061	16.044	16.091	HH	11538	304683	10.35%	0.578%
265	16.104	16.091	16.132	HH	10617	262110	8.91%	0.498%
266	16.187	16.132	16.212	HH	11844	538094	18.28%	1.021%
267	16.221	16.212	16.230	HH	10899	114332	3.89%	0.217%
268	16.255	16.230	16.282	HH	11610	346067	11.76%	0.657%
269	16.310	16.282	16.338	HH	12222	389417	13.23%	0.739%
270	16.356	16.338	16.372	HH	11528	233713	7.94%	0.444%
271	16.435	16.372	16.481	HH	161441	2650499	90.06%	5.031%
272	16.497	16.481	16.526	HH	12384	318765	10.83%	0.605%
273	16.532	16.526	16.584	HH	11571	399858	13.59%	0.759%
274	16.638	16.584	16.673	HH	13124	657219	22.33%	1.248%
275	16.695	16.673	16.717	HH	13035	325351	11.06%	0.618%
276	16.742	16.717	16.775	HH	13212	452954	15.39%	0.860%
277	16.808	16.775	16.861	HH	20650	788777	26.80%	1.497%
278	16.919	16.861	16.972	HH	44411	1366880	46.45%	2.595%
279	17.003	16.972	17.026	HH	17304	480490	16.33%	0.912%
280	17.049	17.026	17.111	HH	25447	873514	29.68%	1.658%
281	17.119	17.111	17.126	HH	14103	128515	4.37%	0.244%
282	17.138	17.126	17.147	HH	14320	182075	6.19%	0.346%
283	17.175	17.147	17.204	HH	15616	510734	17.35%	0.969%
284	17.235	17.204	17.261	HH	19971	568411	19.31%	1.079%
285	17.292	17.261	17.327	HH	21549	661058	22.46%	1.255%
286	17.392	17.327	17.442	HH	160554	2942889	100.00%	5.586%
287	17.467	17.442	17.494	HH	17691	505792	17.19%	0.960%
					Sum of corrected areas:	52681920		

FG061325.M Wed Jul 09 05:45:34 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)MSD	SDG No.:	Q2487
Lab Sample ID:	Q2487-10MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	72.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016250.D	1	07/08/25 08:35	07/08/25 17:24	PB168751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	18500		232	2290	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	10.8		37 - 130	54%	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\FG070825\
 Data File : FG016250.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 17:24
 Operator : YP\AJ
 Sample : Q2487-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 G4(6-12)MSD

Integration File: Sample.e
 Quant Time: Jul 09 03:14:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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	1260917	10.749 ug/ml
Target Compounds			
2) N-DECANE	4.673	1695234	13.512 ug/ml
3) N-DODECANE	6.854	1803777	14.136 ug/ml
4) N-TETRADECANE	8.695	1876960	14.544 ug/ml
5) N-HEXADECANE	10.314	1908966	14.626 ug/ml
6) N-OCTADECANE	11.768	1945751	14.529 ug/ml
7) N-EICOSANE	13.088	2001206	14.793 ug/ml
8) N-DOCOSANE	14.296	1970517	14.947 ug/ml
10) N-TETRACOSANE	15.408	2006809	15.234 ug/ml
11) N-HEXACOSANE	16.435	1901052	14.522 ug/ml
12) N-OCTACOSANE	17.392	1958483	15.160 ug/ml

(f)=RT Delta > 1/2 Window

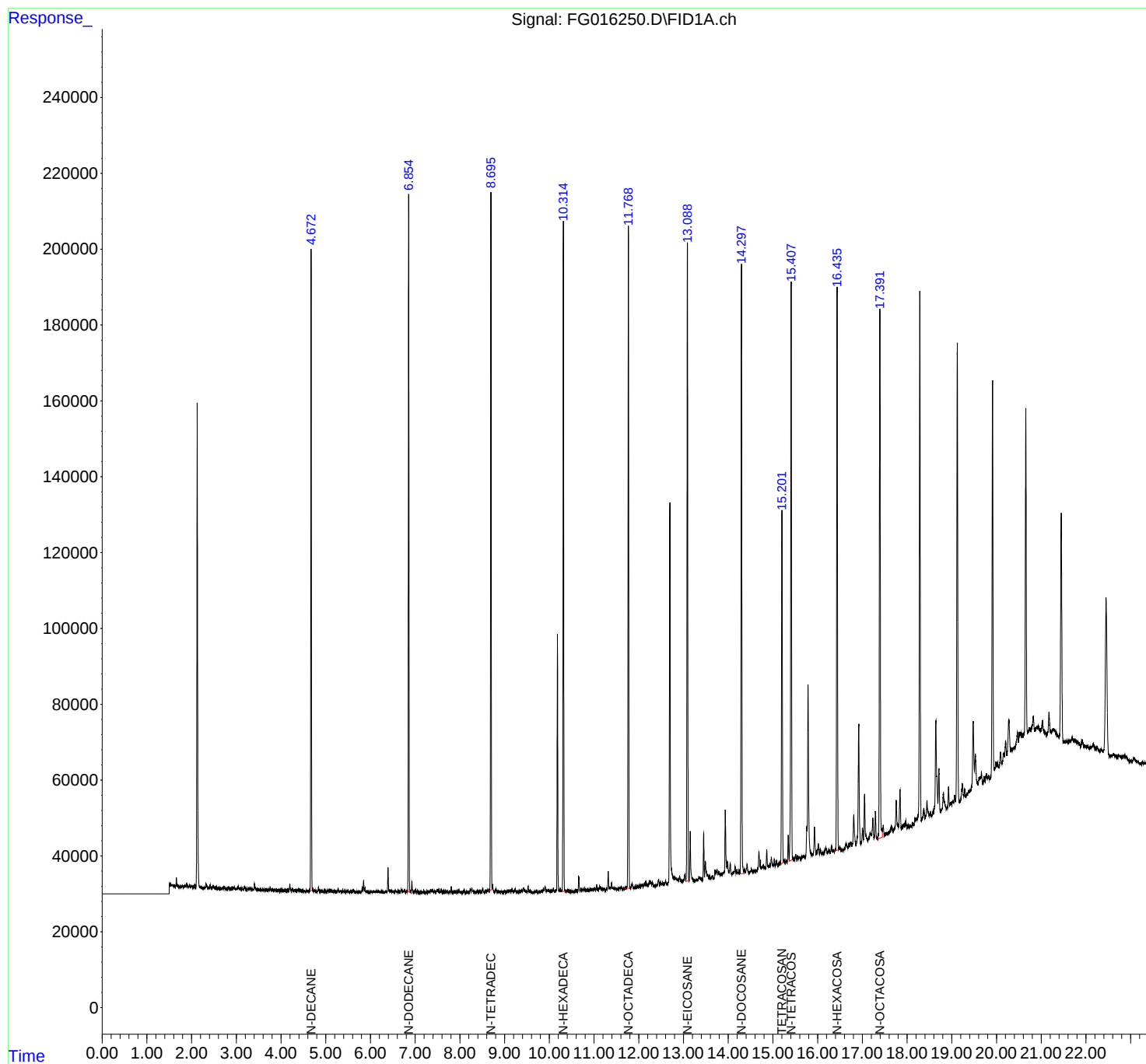
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016250.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:24
Operator : YP\AJ
Sample : Q2487-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
G4(6-12)MSD

Integration File: Sample.e
Quant Time: Jul 09 03:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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\FG070825\
Data File : FG016250.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:24
Sample : Q2487-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.632	4.602	4.639	HH	861	17993	0.60%	0.033%
2	4.673	4.639	4.700	HH	169822	1727609	57.80%	3.196%
3	4.711	4.700	4.730	HH	1194	17156	0.57%	0.032%
4	4.758	4.730	4.774	HH	878	20569	0.69%	0.038%
5	4.792	4.774	4.816	HH	761	17234	0.58%	0.032%
6	4.837	4.816	4.861	HH	1777	28458	0.95%	0.053%
7	4.866	4.861	4.892	HH	671	12066	0.40%	0.022%
8	4.902	4.892	4.921	HH	782	12540	0.42%	0.023%
9	4.928	4.921	4.944	HH	699	8558	0.29%	0.016%
10	4.958	4.944	4.974	HH	866	12757	0.43%	0.024%
11	4.992	4.974	5.010	HH	906	15068	0.50%	0.028%
12	5.040	5.010	5.055	HH	942	20627	0.69%	0.038%
13	5.095	5.055	5.106	HH	945	25093	0.84%	0.046%
14	5.121	5.106	5.127	HH	897	10566	0.35%	0.020%
15	5.137	5.127	5.165	HH	863	16456	0.55%	0.030%
16	5.185	5.165	5.241	HH	716	28381	0.95%	0.052%
17	5.277	5.241	5.305	HH	1535	31774	1.06%	0.059%
18	5.314	5.305	5.319	HH	681	5178	0.17%	0.010%
19	5.329	5.319	5.350	HH	833	12552	0.42%	0.023%
20	5.357	5.350	5.364	HH	588	4482	0.15%	0.008%
21	5.385	5.364	5.417	HH	885	21737	0.73%	0.040%
22	5.431	5.417	5.451	HH	761	12730	0.43%	0.024%
23	5.493	5.451	5.524	HH	766	27221	0.91%	0.050%
24	5.557	5.524	5.586	HH	596	18898	0.63%	0.035%
25	5.618	5.586	5.639	HH	1247	23319	0.78%	0.043%
26	5.655	5.639	5.679	HH	586	12368	0.41%	0.023%
27	5.681	5.679	5.684	HH	524	1456	0.05%	0.003%
28	5.693	5.684	5.709	HH	617	7887	0.26%	0.015%
29	5.730	5.709	5.760	HH	562	15096	0.51%	0.028%
30	5.762	5.760	5.784	HH	515	6060	0.20%	0.011%
31	5.787	5.784	5.794	HH	477	2625	0.09%	0.005%
32	5.817	5.794	5.830	HH	1837	23446	0.78%	0.043%
33	5.847	5.830	5.864	HH	3563	39077	1.31%	0.072%
34	5.877	5.864	5.909	HH	1537	22981	0.77%	0.043%
35	5.917	5.909	5.944	HH	659	11266	0.38%	0.021%
36	5.949	5.944	5.954	HH	450	2644	0.09%	0.005%

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37	5.962	5.954	5.980	HH	471	6768	0.23%	0.013%
38	5.984	5.980	5.990	HH	494	2732	0.09%	0.005%
39	6.007	5.990	6.034	HH	784	15530	0.52%	0.029%
40	6.065	6.034	6.075	HH	702	13632	0.46%	0.025%
41	6.083	6.075	6.101	HH	686	8945	0.30%	0.017%
42	6.131	6.101	6.159	HH	813	20420	0.68%	0.038%
43	6.187	6.159	6.199	HH	640	12739	0.43%	0.024%
44	6.207	6.199	6.224	HH	507	7262	0.24%	0.013%
45	6.233	6.224	6.240	HH	512	4688	0.16%	0.009%
46	6.256	6.240	6.284	HH	618	14142	0.47%	0.026%
47	6.296	6.284	6.320	HH	530	9850	0.33%	0.018%
48	6.352	6.320	6.369	HH	775	16146	0.54%	0.030%
49	6.393	6.369	6.439	HH	6883	87505	2.93%	0.162%
50	6.464	6.439	6.484	HH	920	19571	0.65%	0.036%
51	6.496	6.484	6.522	HH	739	12783	0.43%	0.024%
52	6.543	6.522	6.551	HH	625	9293	0.31%	0.017%
53	6.563	6.551	6.579	HH	742	10670	0.36%	0.020%
54	6.583	6.579	6.605	HH	660	8730	0.29%	0.016%
55	6.614	6.605	6.664	HH	1054	18738	0.63%	0.035%
56	6.688	6.664	6.724	HH	1176	28207	0.94%	0.052%
57	6.732	6.724	6.740	HH	644	6105	0.20%	0.011%
58	6.757	6.740	6.792	HH	984	21646	0.72%	0.040%
59	6.803	6.792	6.822	HH	590	9805	0.33%	0.018%
60	6.854	6.822	6.904	HH	184421	1830456	61.24%	3.386%
61	6.926	6.904	6.967	HH	3145	45988	1.54%	0.085%
62	6.977	6.967	6.987	HH	525	6038	0.20%	0.011%
63	7.009	6.987	7.031	HH	1126	18707	0.63%	0.035%
64	7.049	7.031	7.070	HH	739	13033	0.44%	0.024%
65	7.082	7.070	7.105	HH	473	8261	0.28%	0.015%
66	7.140	7.105	7.160	HH	610	14438	0.48%	0.027%
67	7.189	7.160	7.212	HH	597	15139	0.51%	0.028%
68	7.221	7.212	7.235	HH	393	5514	0.18%	0.010%
69	7.267	7.235	7.285	HH	588	13275	0.44%	0.025%
70	7.291	7.285	7.297	HH	406	2898	0.10%	0.005%
71	7.309	7.297	7.324	HH	504	7081	0.24%	0.013%
72	7.343	7.324	7.357	HH	1061	15706	0.53%	0.029%
73	7.383	7.357	7.412	HH	865	24972	0.84%	0.046%
74	7.431	7.412	7.462	HH	768	16771	0.56%	0.031%
75	7.494	7.462	7.514	HH	1257	23761	0.79%	0.044%
76	7.527	7.514	7.557	HH	945	18153	0.61%	0.034%
77	7.579	7.557	7.619	HH	1301	24449	0.82%	0.045%
78	7.636	7.619	7.660	HH	994	14826	0.50%	0.027%
79	7.675	7.660	7.747	HH	660	25085	0.84%	0.046%
80	7.806	7.747	7.840	HH	1886	38280	1.28%	0.071%
81	7.863	7.840	7.878	HH	527	10091	0.34%	0.019%
82	7.888	7.878	7.907	HH	529	7986	0.27%	0.015%
83	7.927	7.907	7.954	HH	576	13894	0.46%	0.026%
84	7.968	7.954	7.979	HH	902	10401	0.35%	0.019%
85	7.984	7.979	8.010	HH	811	11343	0.38%	0.021%
86	8.025	8.010	8.057	HH	499	11596	0.39%	0.021%
87	8.069	8.057	8.079	HH	436	4903	0.16%	0.009%
88	8.098	8.079	8.130	HH	1225	20497	0.69%	0.038%
89	8.153	8.130	8.169	HH	501	10087	0.34%	0.019%

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90	8.181	8.169	8.192	HH	482	6034	0.20%	0.011%
91	8.202	8.192	8.210	HH	399	4368	0.15%	0.008%
92	8.232	8.210	8.252	HH	1221	20783	0.70%	0.038%
93	8.268	8.252	8.324	HH	1627	32703	1.09%	0.060%
94	8.341	8.324	8.359	HH	598	9868	0.33%	0.018%
95	8.385	8.359	8.409	HH	785	16535	0.55%	0.031%
96	8.441	8.409	8.462	HH	710	17833	0.60%	0.033%
97	8.513	8.462	8.546	HH	1571	35054	1.17%	0.065%
98	8.581	8.546	8.600	HH	836	19392	0.65%	0.036%
99	8.620	8.600	8.633	HH	960	14977	0.50%	0.028%
100	8.695	8.633	8.720	HH	183187	1924935	64.40%	3.561%
101	8.732	8.720	8.774	HH	2444	37946	1.27%	0.070%
102	8.807	8.774	8.847	HH	1325	33745	1.13%	0.062%
103	8.864	8.847	8.885	HH	634	12579	0.42%	0.023%
104	8.894	8.885	8.908	HH	592	7055	0.24%	0.013%
105	8.925	8.908	8.960	HH	696	16126	0.54%	0.030%
106	8.998	8.960	9.035	HH	627	21791	0.73%	0.040%
107	9.061	9.035	9.090	HH	765	21042	0.70%	0.039%
108	9.106	9.090	9.139	HH	1011	21960	0.73%	0.041%
109	9.167	9.139	9.215	HH	1286	36278	1.21%	0.067%
110	9.237	9.215	9.277	HH	1382	28683	0.96%	0.053%
111	9.293	9.277	9.313	HH	575	11195	0.37%	0.021%
112	9.324	9.313	9.335	HH	686	7476	0.25%	0.014%
113	9.350	9.335	9.365	HH	786	11792	0.39%	0.022%
114	9.382	9.365	9.399	HH	1061	16987	0.57%	0.031%
115	9.422	9.399	9.464	HH	1567	40972	1.37%	0.076%
116	9.471	9.464	9.491	HH	764	10485	0.35%	0.019%
117	9.526	9.491	9.549	HH	2073	35148	1.18%	0.065%
118	9.562	9.549	9.597	HH	751	17256	0.58%	0.032%
119	9.623	9.597	9.630	HH	491	8986	0.30%	0.017%
120	9.638	9.630	9.652	HH	554	6301	0.21%	0.012%
121	9.680	9.652	9.697	HH	655	13872	0.46%	0.026%
122	9.714	9.697	9.750	HH	760	18128	0.61%	0.034%
123	9.762	9.750	9.778	HH	571	8664	0.29%	0.016%
124	9.822	9.778	9.845	HH	755	24028	0.80%	0.044%
125	9.865	9.845	9.883	HH	1136	20311	0.68%	0.038%
126	9.904	9.883	9.936	HH	1901	39305	1.31%	0.073%
127	9.948	9.936	9.961	HH	966	12806	0.43%	0.024%
128	9.981	9.961	10.014	HH	1018	25070	0.84%	0.046%
129	10.050	10.014	10.072	HH	979	26198	0.88%	0.048%
130	10.090	10.072	10.125	HH	1478	29493	0.99%	0.055%
131	10.181	10.125	10.216	HH	68291	720175	24.09%	1.332%
132	10.246	10.216	10.280	HH	1229	34309	1.15%	0.063%
133	10.314	10.280	10.369	HH	177025	1944185	65.04%	3.596%
134	10.377	10.369	10.390	HH	668	8582	0.29%	0.016%
135	10.419	10.390	10.470	HH	1003	32900	1.10%	0.061%
136	10.487	10.470	10.512	HH	650	15225	0.51%	0.028%
137	10.542	10.512	10.550	HH	639	13070	0.44%	0.024%
138	10.596	10.550	10.611	HH	926	25199	0.84%	0.047%
139	10.622	10.611	10.634	HH	1098	9773	0.33%	0.018%
140	10.659	10.634	10.689	HH	4348	65279	2.18%	0.121%
141	10.707	10.689	10.726	HH	1355	24279	0.81%	0.045%

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142	10.758	10.726	10.775	HH	1229	30266	1.01%	0.056%
143	10.792	10.775	10.822	HH	1166	29493	0.99%	0.055%
144	10.834	10.822	10.847	HH	1086	15190	0.51%	0.028%
145	10.857	10.847	10.892	HH	1147	26752	0.90%	0.049%
146	10.913	10.892	10.939	HH	1200	29396	0.98%	0.054%
147	10.961	10.939	10.985	HH	1387	31835	1.07%	0.059%
148	11.009	10.985	11.032	HH	1678	34919	1.17%	0.065%
149	11.058	11.032	11.096	HH	2392	56962	1.91%	0.105%
150	11.128	11.096	11.151	HH	1938	48504	1.62%	0.090%
151	11.160	11.151	11.194	HH	1461	33095	1.11%	0.061%
152	11.211	11.194	11.245	HH	1236	34094	1.14%	0.063%
153	11.316	11.245	11.339	HH	5977	114274	3.82%	0.211%
154	11.349	11.339	11.362	HH	1574	21671	0.73%	0.040%
155	11.392	11.362	11.415	HH	3024	62110	2.08%	0.115%
156	11.420	11.415	11.479	HH	1504	52190	1.75%	0.097%
157	11.484	11.479	11.504	HH	1363	19425	0.65%	0.036%
158	11.514	11.504	11.532	HH	1276	20854	0.70%	0.039%
159	11.541	11.532	11.551	HH	1295	14602	0.49%	0.027%
160	11.569	11.551	11.587	HH	1764	33053	1.11%	0.061%
161	11.604	11.587	11.648	HH	1779	53958	1.81%	0.100%
162	11.768	11.648	11.820	HH	175779	2095079	70.09%	3.875%
163	11.849	11.820	11.899	HH	2641	91377	3.06%	0.169%
164	11.925	11.899	11.943	HH	1907	45289	1.52%	0.084%
165	11.969	11.943	11.994	HH	2144	56709	1.90%	0.105%
166	12.015	11.994	12.032	HH	2336	44710	1.50%	0.083%
167	12.076	12.032	12.101	HH	2429	88701	2.97%	0.164%
168	12.127	12.101	12.141	HH	2940	58073	1.94%	0.107%
169	12.158	12.141	12.179	HH	3338	61385	2.05%	0.114%
170	12.186	12.179	12.210	HH	2468	42883	1.43%	0.079%
171	12.245	12.210	12.264	HH	3613	91128	3.05%	0.169%
172	12.276	12.264	12.292	HH	2939	45204	1.51%	0.084%
173	12.306	12.292	12.335	HH	3064	65416	2.19%	0.121%
174	12.384	12.335	12.405	HH	2214	88357	2.96%	0.163%
175	12.442	12.405	12.465	HH	3674	102376	3.43%	0.189%
176	12.485	12.465	12.509	HH	3052	70523	2.36%	0.130%
177	12.535	12.509	12.560	HH	3001	83649	2.80%	0.155%
178	12.603	12.560	12.624	HH	3248	108085	3.62%	0.200%
179	12.638	12.624	12.645	HH	2812	35213	1.18%	0.065%
180	12.696	12.645	12.769	HH	102657	1499007	50.15%	2.773%
181	12.778	12.769	12.797	HH	4537	72870	2.44%	0.135%
182	12.809	12.797	12.897	HH	4277	233552	7.81%	0.432%
183	12.916	12.897	12.960	HH	4470	144307	4.83%	0.267%
184	12.981	12.960	12.994	HH	3411	66198	2.21%	0.122%
185	13.032	12.994	13.054	HH	5068	146776	4.91%	0.271%
186	13.088	13.054	13.124	HH	170958	2143536	71.71%	3.965%
187	13.151	13.124	13.190	HH	16490	304475	10.19%	0.563%
188	13.200	13.190	13.242	HH	4248	115188	3.85%	0.213%
189	13.253	13.242	13.269	HH	3559	56090	1.88%	0.104%
190	13.288	13.269	13.325	HH	3815	123800	4.14%	0.229%
191	13.347	13.325	13.380	HH	4483	134327	4.49%	0.248%
192	13.393	13.380	13.424	HH	4031	100609	3.37%	0.186%
193	13.452	13.424	13.472	HH	15970	236654	7.92%	0.438%
194	13.491	13.472	13.528	HH	8454	211143	7.06%	0.391%

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195	13.540	13.528	13.564	HH	5188	99912	3.34%	0.185%
196	13.580	13.564	13.606	HH	4774	109560	3.67%	0.203%
197	13.626	13.606	13.637	HH	4465	79721	2.67%	0.147%
198	13.651	13.637	13.679	HH	4738	109149	3.65%	0.202%
199	13.705	13.679	13.727	HH	6315	152411	5.10%	0.282%
200	13.749	13.727	13.772	HH	6295	154853	5.18%	0.286%
201	13.788	13.772	13.817	HH	5896	146725	4.91%	0.271%
202	13.830	13.817	13.839	HH	5124	67668	2.26%	0.125%
203	13.851	13.839	13.869	HH	5407	93891	3.14%	0.174%
204	13.892	13.869	13.900	HH	5609	100783	3.37%	0.186%
205	13.935	13.900	13.970	HH	21985	443993	14.85%	0.821%
206	13.987	13.970	14.010	HH	8359	170004	5.69%	0.314%
207	14.045	14.010	14.073	HH	8003	240412	8.04%	0.445%
208	14.114	14.073	14.127	HH	5662	175545	5.87%	0.325%
209	14.154	14.127	14.177	HH	7248	184626	6.18%	0.342%
210	14.195	14.177	14.216	HH	6562	137554	4.60%	0.254%
211	14.244	14.216	14.262	HH	6329	161576	5.41%	0.299%
212	14.296	14.262	14.347	HH	164912	2242486	75.02%	4.148%
213	14.364	14.347	14.384	HH	6570	134025	4.48%	0.248%
214	14.423	14.384	14.465	HH	7641	310703	10.39%	0.575%
215	14.524	14.465	14.560	HH	6242	334667	11.20%	0.619%
216	14.584	14.560	14.614	HH	6154	195013	6.52%	0.361%
217	14.630	14.614	14.644	HH	6147	107252	3.59%	0.198%
218	14.687	14.644	14.739	HH	10842	442002	14.79%	0.818%
219	14.757	14.739	14.767	HH	7121	118496	3.96%	0.219%
220	14.783	14.767	14.803	HH	7347	155327	5.20%	0.287%
221	14.817	14.803	14.837	HH	7163	139465	4.67%	0.258%
222	14.862	14.837	14.912	HH	11650	371428	12.43%	0.687%
223	14.931	14.912	14.939	HH	7713	118663	3.97%	0.219%
224	14.965	14.939	15.006	HH	9569	329594	11.03%	0.610%
225	15.031	15.006	15.051	HH	9219	214731	7.18%	0.397%
226	15.082	15.051	15.110	HH	8638	283185	9.47%	0.524%
227	15.152	15.110	15.169	HH	8262	275555	9.22%	0.510%
228	15.202	15.169	15.240	HH	101204	1608772	53.82%	2.976%
229	15.249	15.240	15.277	HH	8734	186406	6.24%	0.345%
230	15.296	15.277	15.314	HH	8850	187132	6.26%	0.346%
231	15.343	15.314	15.362	HH	15472	325614	10.89%	0.602%
232	15.408	15.362	15.442	HH	161135	2430302	81.31%	4.495%
233	15.450	15.442	15.469	HH	9603	146792	4.91%	0.272%
234	15.508	15.469	15.529	HH	10333	341135	11.41%	0.631%
235	15.550	15.529	15.574	HH	10174	257605	8.62%	0.477%
236	15.584	15.574	15.624	HH	9571	280873	9.40%	0.520%
237	15.658	15.624	15.669	HH	9887	259954	8.70%	0.481%
238	15.690	15.669	15.717	HH	9962	283084	9.47%	0.524%
239	15.786	15.717	15.872	HH	55042	1693885	56.67%	3.133%
240	15.890	15.872	15.900	HH	10426	173596	5.81%	0.321%
241	15.930	15.900	15.967	HH	17631	520089	17.40%	0.962%
242	15.981	15.967	15.992	HH	11321	162961	5.45%	0.301%
243	16.017	15.992	16.044	HH	13174	366077	12.25%	0.677%
244	16.060	16.044	16.095	HH	11562	340839	11.40%	0.630%
245	16.104	16.095	16.132	HH	10859	234313	7.84%	0.433%
246	16.185	16.132	16.222	HH	12157	607748	20.33%	1.124%

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247	16.259	16.222	16.285	HH	11557	424739	14.21%	0.786%
248	16.308	16.285	16.339	HH	12502	374484	12.53%	0.693%
249	16.355	16.339	16.380	HH	11501	283713	9.49%	0.525%
250	16.436	16.380	16.477	HH	159391	2568038	85.91%	4.750%
251	16.495	16.477	16.522	HH	12471	323056	10.81%	0.598%
252	16.534	16.522	16.564	HH	11776	290705	9.73%	0.538%
253	16.634	16.564	16.679	HH	13170	841059	28.14%	1.556%
254	16.696	16.679	16.713	HH	13171	261796	8.76%	0.484%
255	16.742	16.713	16.768	HH	13612	432712	14.48%	0.800%
256	16.808	16.768	16.858	HH	20916	828275	27.71%	1.532%
257	16.919	16.858	16.970	HH	44641	1396043	46.71%	2.582%
258	17.004	16.970	17.024	HH	17394	487009	16.29%	0.901%
259	17.049	17.024	17.120	HH	26198	986618	33.01%	1.825%
260	17.176	17.120	17.205	HH	15996	775223	25.94%	1.434%
261	17.235	17.205	17.264	HH	20037	595278	19.92%	1.101%
262	17.293	17.264	17.334	HH	21656	705329	23.60%	1.305%
263	17.392	17.334	17.450	HH	153473	2989050	100.00%	5.529%
264	17.466	17.450	17.500	HHA	18019	504676	16.88%	0.934%
					Sum of corrected areas:		54061883	

FG061325.M Wed Jul 09 05:45:58 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2487-11		FF016102.D	FF070825	TETRACOSANE-d50 (SURROGA	mohammad	7/10/2025 2:04:03 AM	Peak Integrated by Software incorrectly
Q2487-13		FF016103.D	FF070825	TETRACOSANE-d50 (SURROGA	mohammad	7/10/2025 2:04:03 AM	Peak Integrated by Software incorrectly
Q2487-14		FF016104.D	FF070825	TETRACOSANE-d50 (SURROGA	mohammad	7/10/2025 2:04:03 AM	Peak Integrated by Software incorrectly
Q2514-06		FF016109.D	FF070825	TETRACOSANE-d50 (SURROGA	mohammad	7/10/2025 2:04:03 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2487-11		FF016119.D	FF070925	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly
Q2487-13		FF016120.D	FF070925	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly
Q2487-14		FF016121.D	FF070925	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly
Q2487-16		FF016123.D	FF070925	TETRACOSANE-d50 (SURROGA	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly
PB168697BS		FF016124.D	FF070925	N-OCTACOSANE	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly
PB168697BSD		FF016125.D	FF070925	N-OCTACOSANE	mohammad	7/11/2025 1:37:02 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2514-05		FG016256.D	FG070825	TETRACOSANE-d50 (SURROGA	mohammad	7/10/2025 2:04:09 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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF061325

Review By	yogesh	Review On	6/13/2025 11:34:17 AM
Supervise By	mohammad	Supervise On	6/17/2025 3:40:22 AM
SubDirectory	FF061325	HP Acquire Method	HP Processing Method FF061325
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	FF015962.D	13 Jun 2025 08:42	YP\AJ	Ok
2	I.BLK	FF015963.D	13 Jun 2025 12:37	YP\AJ	Ok
3	100 TRPH STD	FF015964.D	13 Jun 2025 13:06	YP\AJ	Ok
4	50 TRPH STD	FF015965.D	13 Jun 2025 13:35	YP\AJ	Ok
5	20 TRPH STD	FF015966.D	13 Jun 2025 14:05	YP\AJ	Ok
6	10 TRPH STD	FF015967.D	13 Jun 2025 14:34	YP\AJ	Ok
7	5 TRPH STD	FF015968.D	13 Jun 2025 15:03	YP\AJ	Ok
8	FF061325ICV	FF015969.D	13 Jun 2025 15:33	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF070825

Review By	yogesh	Review On	7/8/2025 1:13:33 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:04:03 AM
SubDirectory	FF070825	HP Acquire Method	HP Processing Method FF061325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016096.D	08 Jul 2025 09:48	YP\AJ	Ok
2	I.BLK	FF016097.D	08 Jul 2025 10:54	YP\AJ	Ok
3	50 PPM TRPH STD	FF016098.D	08 Jul 2025 11:55	YP\AJ	Ok
4	RT MARKER	FF016099.D	08 Jul 2025 12:54	YP\AJ	Ok
5	Q2487-09	FF016100.D	08 Jul 2025 13:24	YP\AJ	Dilution
6	Q2514-10	FF016101.D	08 Jul 2025 13:54	YP\AJ	Ok
7	Q2487-11	FF016102.D	08 Jul 2025 14:24	YP\AJ	Dilution
8	Q2487-13	FF016103.D	08 Jul 2025 14:54	YP\AJ	Dilution
9	Q2487-14	FF016104.D	08 Jul 2025 15:24	YP\AJ	Dilution
10	I.BLK	FF016105.D	08 Jul 2025 15:54	YP\AJ	Ok
11	50 PPM TRPH STD	FF016106.D	08 Jul 2025 16:54	YP\AJ	Ok
12	Q2514-02	FF016107.D	08 Jul 2025 17:54	YP\AJ	Ok
13	Q2514-04	FF016108.D	08 Jul 2025 18:24	YP\AJ	Ok
14	Q2514-06	FF016109.D	08 Jul 2025 18:54	YP\AJ	Ok,M
15	Q2487-15	FF016110.D	08 Jul 2025 19:24	YP\AJ	Dilution
16	Q2487-16	FF016111.D	08 Jul 2025 19:54	YP\AJ	Dilution
17	Q2487-09	FF016112.D	08 Jul 2025 20:23	YP\AJ	Ok
18	I.BLK	FF016113.D	08 Jul 2025 20:54	YP\AJ	Ok
19	50 PPM TRPH STD	FF016114.D	08 Jul 2025 21:53	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF070925

Review By	yogesh	Review On	7/9/2025 12:28:00 PM
Supervise By	mohammad	Supervise On	7/11/2025 1:37:02 AM
SubDirectory	FF070925	HP Acquire Method	HP Processing Method FF061325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016115.D	09 Jul 2025 09:03	YP\AJ	Ok
2	I.BLK	FF016116.D	09 Jul 2025 09:32	YP\AJ	Ok
3	50 PPM TRPH STD	FF016117.D	09 Jul 2025 10:02	YP\AJ	Ok
4	RT MARKER	FF016118.D	09 Jul 2025 11:05	YP\AJ	Ok
5	Q2487-11	FF016119.D	09 Jul 2025 11:34	YP\AJ	Ok,M
6	Q2487-13	FF016120.D	09 Jul 2025 12:04	YP\AJ	Ok,M
7	Q2487-14	FF016121.D	09 Jul 2025 12:34	YP\AJ	Ok,M
8	Q2487-15	FF016122.D	09 Jul 2025 13:04	YP\AJ	Ok
9	Q2487-16	FF016123.D	09 Jul 2025 13:34	YP\AJ	Ok,M
10	PB168697BS	FF016124.D	09 Jul 2025 15:34	YP\AJ	Ok,M
11	PB168697BSD	FF016125.D	09 Jul 2025 16:06	YP\AJ	Ok,M
12	I.BLK	FF016126.D	09 Jul 2025 16:36	YP\AJ	Ok
13	50 PPM TRPH STD	FF016127.D	09 Jul 2025 17:06	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG061325

Review By	yogesh	Review On	6/13/2025 11:35:23 AM
Supervise By	mohammad	Supervise On	6/17/2025 3:40:29 AM
SubDirectory	FG061325	HP Acquire Method	HP Processing Method FG061325
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	FG016061.D	13 Jun 2025 09:11	YP\AJ	Ok
2	I.BLK	FG016062.D	13 Jun 2025 09:40	YP\AJ	Ok
3	100 TRPH STD	FG016063.D	13 Jun 2025 10:10	YP\AJ	Ok
4	50 TRPH STD	FG016064.D	13 Jun 2025 10:39	YP\AJ	Ok
5	20 TRPH STD	FG016065.D	13 Jun 2025 11:09	YP\AJ	Ok
6	10 TRPH STD	FG016066.D	13 Jun 2025 11:38	YP\AJ	Ok
7	5 TRPH STD	FG016067.D	13 Jun 2025 12:07	YP\AJ	Ok
8	FG061325ICV	FG016068.D	13 Jun 2025 12:37	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG070825

Review By	yogesh	Review On	7/8/2025 1:14:25 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:04:09 AM
SubDirectory	FG070825	HP Acquire Method	HP Processing Method FG061325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016243.D	08 Jul 2025 13:24	YP\AJ	Ok
2	I.BLK	FG016244.D	08 Jul 2025 13:54	YP\AJ	Ok
3	50 PPM TRPH STD	FG016245.D	08 Jul 2025 14:24	YP\AJ	Ok
4	RT MARKER	FG016246.D	08 Jul 2025 14:54	YP\AJ	Ok
5	PB168751BL	FG016247.D	08 Jul 2025 15:24	YP\AJ	Ok
6	Q2487-10	FG016248.D	08 Jul 2025 16:24	YP\AJ	Ok
7	Q2487-10MS	FG016249.D	08 Jul 2025 16:54	YP\AJ	Ok
8	Q2487-10MSD	FG016250.D	08 Jul 2025 17:24	YP\AJ	Ok
9	Q2487-12	FG016251.D	08 Jul 2025 17:54	YP\AJ	Ok
10	I.BLK	FG016252.D	08 Jul 2025 18:24	YP\AJ	Ok
11	50 PPM TRPH STD	FG016253.D	08 Jul 2025 18:54	YP\AJ	Ok
12	Q2514-01	FG016254.D	08 Jul 2025 19:54	YP\AJ	Ok
13	Q2514-03	FG016255.D	08 Jul 2025 20:23	YP\AJ	Ok
14	Q2514-05	FG016256.D	08 Jul 2025 20:54	YP\AJ	Ok,M
15	Q2514-07	FG016257.D	08 Jul 2025 21:23	YP\AJ	Ok
16	Q2514-08	FG016258.D	08 Jul 2025 21:53	YP\AJ	Ok
17	Q2514-09	FG016259.D	08 Jul 2025 22:23	YP\AJ	Ok
18	I.BLK	FG016260.D	08 Jul 2025 22:52	YP\AJ	Ok
19	50 PPM TRPH STD	FG016261.D	08 Jul 2025 23:52	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#	SampleId	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_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF061325

Review By	yogesh	Review On	6/13/2025 11:34:17 AM
Supervise By	mohammad	Supervise On	6/17/2025 3:40:22 AM
SubDirectory	FF061325	HP Acquire Method	HP Processing Method FF061325

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		FF015962.D	13 Jun 2025 08:42		YP\AJ	Ok
2	I.BLK		FF015963.D	13 Jun 2025 12:37		YP\AJ	Ok
3	100 TRPH STD		FF015964.D	13 Jun 2025 13:06		YP\AJ	Ok
4	50 TRPH STD		FF015965.D	13 Jun 2025 13:35		YP\AJ	Ok
5	20 TRPH STD		FF015966.D	13 Jun 2025 14:05		YP\AJ	Ok
6	10 TRPH STD		FF015967.D	13 Jun 2025 14:34		YP\AJ	Ok
7	5 TRPH STD		FF015968.D	13 Jun 2025 15:03		YP\AJ	Ok
8	FF061325ICV		FF015969.D	13 Jun 2025 15:33		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF070825

Review By	yogesh	Review On	7/8/2025 1:13:33 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:04:03 AM
SubDirectory	FF070825	HP Acquire Method	HP Processing Method FF061325

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016096.D	08 Jul 2025 09:48		YP\AJ	Ok
2	I.BLK		FF016097.D	08 Jul 2025 10:54		YP\AJ	Ok
3	50 PPM TRPH STD		FF016098.D	08 Jul 2025 11:55		YP\AJ	Ok
4	RT MARKER		FF016099.D	08 Jul 2025 12:54		YP\AJ	Ok
5	Q2487-09		FF016100.D	08 Jul 2025 13:24	need 5x	YP\AJ	Dilution
6	Q2514-10		FF016101.D	08 Jul 2025 13:54		YP\AJ	Ok
7	Q2487-11		FF016102.D	08 Jul 2025 14:24	need 10x	YP\AJ	Dilution
8	Q2487-13		FF016103.D	08 Jul 2025 14:54	need 10x	YP\AJ	Dilution
9	Q2487-14		FF016104.D	08 Jul 2025 15:24	need 10x	YP\AJ	Dilution
10	I.BLK		FF016105.D	08 Jul 2025 15:54		YP\AJ	Ok
11	50 PPM TRPH STD		FF016106.D	08 Jul 2025 16:54		YP\AJ	Ok
12	Q2514-02		FF016107.D	08 Jul 2025 17:54		YP\AJ	Ok
13	Q2514-04		FF016108.D	08 Jul 2025 18:24		YP\AJ	Ok
14	Q2514-06		FF016109.D	08 Jul 2025 18:54		YP\AJ	Ok,M
15	Q2487-15		FF016110.D	08 Jul 2025 19:24	need 10x	YP\AJ	Dilution
16	Q2487-16		FF016111.D	08 Jul 2025 19:54	need 5x	YP\AJ	Dilution
17	Q2487-09		FF016112.D	08 Jul 2025 20:23		YP\AJ	Ok
18	I.BLK		FF016113.D	08 Jul 2025 20:54		YP\AJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF070825

Review By	yogesh	Review On	7/8/2025 1:13:33 PM	
Supervise By	mohammad	Supervise On	7/10/2025 2:04:03 AM	
SubDirectory	FF070825	HP Acquire Method	HP Processing Method	FF061325
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				

19	50 PPM TRPH STD		FF016114.D	08 Jul 2025 21:53		YP\AJ	Ok
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M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF070925

Review By	yogesh	Review On	7/9/2025 12:28:00 PM
Supervise By	mohammad	Supervise On	7/11/2025 1:37:02 AM
SubDirectory	FF070925	HP Acquire Method	HP Processing Method
			FF061325
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		FF016115.D	09 Jul 2025 09:03		YP\AJ	Ok
2	I.BLK		FF016116.D	09 Jul 2025 09:32		YP\AJ	Ok
3	50 PPM TRPH STD		FF016117.D	09 Jul 2025 10:02		YP\AJ	Ok
4	RT MARKER		FF016118.D	09 Jul 2025 11:05		YP\AJ	Ok
5	Q2487-11		FF016119.D	09 Jul 2025 11:34		YP\AJ	Ok,M
6	Q2487-13		FF016120.D	09 Jul 2025 12:04		YP\AJ	Ok,M
7	Q2487-14		FF016121.D	09 Jul 2025 12:34		YP\AJ	Ok,M
8	Q2487-15		FF016122.D	09 Jul 2025 13:04		YP\AJ	Ok
9	Q2487-16		FF016123.D	09 Jul 2025 13:34		YP\AJ	Ok,M
10	PB168697BS		FF016124.D	09 Jul 2025 15:34		YP\AJ	Ok,M
11	PB168697BSD		FF016125.D	09 Jul 2025 16:06		YP\AJ	Ok,M
12	I.BLK		FF016126.D	09 Jul 2025 16:36		YP\AJ	Ok
13	50 PPM TRPH STD		FF016127.D	09 Jul 2025 17:06		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG061325

Review By	yogesh	Review On	6/13/2025 11:35:23 AM
Supervise By	mohammad	Supervise On	6/17/2025 3:40:29 AM
SubDirectory	FG061325	HP Acquire Method	HP Processing Method FG061325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM	PP24468,PP24473		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016061.D	13 Jun 2025 09:11		YP\AJ	Ok
2	I.BLK		FG016062.D	13 Jun 2025 09:40		YP\AJ	Ok
3	100 TRPH STD		FG016063.D	13 Jun 2025 10:10		YP\AJ	Ok
4	50 TRPH STD		FG016064.D	13 Jun 2025 10:39		YP\AJ	Ok
5	20 TRPH STD		FG016065.D	13 Jun 2025 11:09		YP\AJ	Ok
6	10 TRPH STD		FG016066.D	13 Jun 2025 11:38		YP\AJ	Ok
7	5 TRPH STD		FG016067.D	13 Jun 2025 12:07		YP\AJ	Ok
8	FG061325ICV		FG016068.D	13 Jun 2025 12:37		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG070825

Review By	yogesh	Review On	7/8/2025 1:14:25 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:04:09 AM
SubDirectory	FG070825	HP Acquire Method	HP Processing Method FG061325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM	PP24468,PP24473		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016243.D	08 Jul 2025 13:24		YPIAJ	Ok
2	I.BLK		FG016244.D	08 Jul 2025 13:54		YPIAJ	Ok
3	50 PPM TRPH STD		FG016245.D	08 Jul 2025 14:24		YPIAJ	Ok
4	RT MARKER		FG016246.D	08 Jul 2025 14:54		YPIAJ	Ok
5	PB168751BL		FG016247.D	08 Jul 2025 15:24		YPIAJ	Ok
6	Q2487-10		FG016248.D	08 Jul 2025 16:24		YPIAJ	Ok
7	Q2487-10MS		FG016249.D	08 Jul 2025 16:54		YPIAJ	Ok
8	Q2487-10MSD		FG016250.D	08 Jul 2025 17:24		YPIAJ	Ok
9	Q2487-12		FG016251.D	08 Jul 2025 17:54		YPIAJ	Ok
10	I.BLK		FG016252.D	08 Jul 2025 18:24		YPIAJ	Ok
11	50 PPM TRPH STD		FG016253.D	08 Jul 2025 18:54		YPIAJ	Ok
12	Q2514-01		FG016254.D	08 Jul 2025 19:54		YPIAJ	Ok
13	Q2514-03		FG016255.D	08 Jul 2025 20:23		YPIAJ	Ok
14	Q2514-05		FG016256.D	08 Jul 2025 20:54		YPIAJ	Ok,M
15	Q2514-07		FG016257.D	08 Jul 2025 21:23		YPIAJ	Ok
16	Q2514-08		FG016258.D	08 Jul 2025 21:53		YPIAJ	Ok
17	Q2514-09		FG016259.D	08 Jul 2025 22:23		YPIAJ	Ok
18	I.BLK		FG016260.D	08 Jul 2025 22:52		YPIAJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG070825

Review By	yogesh	Review On	7/8/2025 1:14:25 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:04:09 AM
SubDirectory	FG070825	HP Acquire Method	HP Processing Method FG061325

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

19	50 PPM TRPH STD		FG016261.D	08 Jul 2025 23:52		YP\AJ	Ok
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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



PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136368

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
Q2487-01	G4 (1.5)	1	1.15	10.21	11.36	10.14	88.1	
Q2487-02	G4 (10)	2	1.19	10.38	11.57	8.76	72.9	
Q2487-03	G3 (9)	3	1.15	10.66	11.81	7.38	58.4	
Q2487-04	G3 (3)	4	1.15	10.80	11.95	10.8	89.4	
Q2487-05	G2 (2.5)	5	1.17	10.00	11.17	10.48	93.1	
Q2487-06	G2 (9)	6	1.16	10.26	11.42	8.00	66.7	
Q2487-07	G1 (4.5)	7	1.19	10.11	11.3	7.8	65.4	
Q2487-08	G1 (10)	8	1.16	9.96	11.12	6.65	55.1	
Q2487-09	G4 (0-6)	9	1.18	10.26	11.44	10.12	87.1	
Q2487-10	G4 (6-12)	10	1.16	10.14	11.3	8.52	72.6	
Q2487-11	G3 (0-6)	11	1.18	10.42	11.6	10.68	91.2	
Q2487-12	G3 (6-12)	12	1.18	10.41	11.59	8.49	70.2	
Q2487-13	G2 (0-6)	13	1.17	9.95	11.12	10.11	89.8	
Q2487-14	G2 (6-12)	14	1.16	10.68	11.84	8.39	67.7	
Q2487-15	G1 (0-6)	15	1.17	10.55	11.72	9.68	80.7	
Q2487-16	G1 (6-12)	16	1.13	10.24	11.37	10.68	93.3	
Q2501-05	SVOC-GPC-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2501-06	PEST-GPC-BLANK	18	1.00	1.00	2.00	2.00	100.0	
Q2501-07	PEST-GPC-BLANK-SPIKE	19	1.00	1.00	2.00	2.00	100.0	
Q2501-08	PCB-GPC-BLANK	20	1.00	1.00	2.00	2.00	100.0	
Q2501-09	PCB-GPC-BLANK-SPIKE	21	1.00	1.00	2.00	2.00	100.0	
Q2501-10	SVOC-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
Q2501-11	PEST-GPC-BLANK	23	1.00	1.00	2.00	2.00	100.0	
Q2501-12	PEST-GPC-BLANK-SPIKE	24	1.00	1.00	2.00	2.00	100.0	
Q2501-13	PCB-GPC2-BLANK	25	1.00	1.00	2.00	2.00	100.0	
Q2501-14	PCB-GPC2-BLANK-SPIKE	26	1.00	1.00	2.00	2.00	100.0	
Q2503-03	GCAP2	27	1.18	10.65	11.83	8.76	71.2	
Q2503-04	GCAP3	28	1.18	10.64	11.82	8.16	65.6	

PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136368

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
Q2503-05	GCAP2A	29	1.18	10.30	11.48	9.11	77.0	
Q2504-01	WASTE	30	1.14	10.73	11.87	10.16	84.1	
Q2504-02	VOC	31	1.18	10.81	11.99	10.45	85.8	
Q2504-03	1	32	1.14	10.84	11.98	10.36	85.1	
Q2504-04	2	33	1.19	10.41	11.6	9.91	83.8	
Q2504-05	3	34	1.13	10.75	11.88	10.22	84.6	
Q2504-06	4	35	1.14	10.52	11.66	10.03	84.5	
Q2504-07	5	36	1.12	10.87	11.99	10.16	83.2	
Q2505-01	#62825	37	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-02	#62525	38	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-03	#2008	39	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2507-01	SU-04-7.3-2025	40	1.17	10.26	11.43	10.1	87.0	
Q2507-02	SU-04-7.3-2025-EPH	41	1.18	10.30	11.48	9.99	85.5	
Q2507-03	SU-04-7.3-2025-VOC	42	1.13	10.45	11.58	9.95	84.4	
Q2508-01	AUD-25-0105	43	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-02	AUD-25-0106	44	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-03	AUD-25-0107	45	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2509-02	AUD-25-0112	46	1.00	1.00	2.00	2.00	100.0	oilly-debris
Q2510-01	#63025-A	47	1.15	11.63	12.78	10.79	82.9	
Q2510-02	#63025-A-VOC	48	1.18	10.19	11.37	9.86	85.2	
Q2513-01	HR-2-070325	49	1.18	9.89	11.07	10.51	94.3	
Q2513-02	HR-2-070325-E2	50	1.18	10.25	11.43	10.68	92.7	
Q2513-03	HR-3-070325	51	1.18	10.27	11.45	10.88	94.4	
Q2513-04	HR-3-070325-E2	52	1.14	10.67	11.81	11.23	94.6	
Q2514-01	TP-92	53	1.14	10.78	11.92	10.56	87.4	
Q2514-02	TP-93	54	1.19	10.71	11.9	10.58	87.7	
Q2514-03	TP-94	55	1.13	10.86	11.99	10.7	88.1	
Q2514-04	TP-96	56	1.14	11.10	12.24	10.66	85.8	



PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136368

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
Q2514-05	TP-97	57	1.16	10.02	11.18	9.68	85.0	
Q2514-06	TP-103	58	1.18	10.22	11.4	10.02	86.5	
Q2514-07	TP-36	59	1.15	10.78	11.93	10.88	90.3	
Q2514-08	TP-78	60	1.13	9.99	11.12	9.75	86.3	
Q2514-09	TP-81	61	1.16	10.50	11.66	10.22	86.3	
Q2514-10	TP-90	62	1.18	10.43	11.61	10.73	91.6	
Q2515-01	wc-1	63	1.15	10.31	11.46	10.17	87.5	

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

136368

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2487-01	G4(1.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-02	G4(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-03	G3(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-04	G3(3)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-05	G2(2.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-06	G2(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-07	G1(4.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-08	G1(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-09	G4(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-10	G4(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-11	G3(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-12	G3(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-13	G2(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-14	G2(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-15	G1(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-16	G1(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2501-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

Date/Time 07/03/25

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

WORKLIST(Hardcopy Internal Chain)

136318

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2501-10	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-11	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-12	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2503-03	GCAP2	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	06/27/2025	Chemtech -SO
Q2503-04	GCAP3	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2503-05	GCAP2A	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2504-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2505-01	#62825	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2505-02	#62525	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2505-03	#2008	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2507-01	SU-04-7.3-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO
Q2507-02	SU-04-7.3-2025-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO
Q2507-03	SU-04-7.3-2025-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO

Date/Time 07/03/25 15:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 07/03/25 17:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136368

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2508-01	AUD-25-0105	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-02	AUD-25-0106	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-03	AUD-25-0107	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2509-02	AUD-25-0112	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/03/2025	Chemtech -SO
Q2510-01	#63025-A	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2510-02	#63025-A-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2513-01	HR-2-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-02	HR-2-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-03	HR-3-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-04	HR-3-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2514-01	TP-92	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-02	TP-93	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-03	TP-94	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-04	TP-96	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-05	TP-97	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-06	TP-103	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-07	TP-36	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-08	TP-78	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-09	TP-81	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-10	TP-90	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2515-01	wc-1	Solid	Percent Solids	Cool 4 deg C	ENVO01	O23	07/03/2025	Chemtech -SO

Date/Time 07/03/25 1515
 Raw Sample Received by: SR WWC
 Raw Sample Relinquished by: JDCSM

Date/Time

07/03/25

Raw Sample Received by:

JDCSM

Raw Sample Relinquished by:

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Extraction Start Date : 07/08/2025

Matrix : Solid

Extraction Start Time : 08:35

Weight By: EH

Extraction By: RJ

Extraction End Date : 07/08/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:40

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24583
Surrogate	1.0ML	20 PPM	PP24596
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
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
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
7/8/25 11:45	RS (Ext Lab)	RS (Ext Lab)
	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/08/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168751BL	PB168751BL	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1			U2-1
PB168751BS	PB168751BS	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1			2
Q2487-09	G4(0-6)	Diesel Range Organics	30.05	N/A	ritesh	Evelyn	1	D		3
Q2487-10	G4(6-12)	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1	D		4
Q2487-10MS	G4(6-12)MS	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1	D		5
Q2487-10MS D	G4(6-12)MSD	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1	D		6
Q2487-11	G3(0-6)	Diesel Range Organics	30.08	N/A	ritesh	Evelyn	1	D		U3-1
Q2487-12	G3(6-12)	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	D		2
Q2487-13	G2(0-6)	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	D		3
Q2487-14	G2(6-12)	Diesel Range Organics	30.05	N/A	ritesh	Evelyn	1	D		4
Q2487-15	G1(0-6)	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1	D		5
Q2487-16	G1(6-12)	Diesel Range Organics	30.08	N/A	ritesh	Evelyn	1	D		6
Q2514-01	TP-92	Diesel Range Organics	30.07	N/A	ritesh	Evelyn	1	E		U6-1
Q2514-02	TP-93	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	E		2
Q2514-03	TP-94	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1	E		3
Q2514-04	TP-96	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1	E		4
Q2514-05	TP-97	Diesel Range Organics	30.05	N/A	ritesh	Evelyn	1	E		5
Q2514-06	TP-103	Diesel Range Organics	30.09	N/A	ritesh	Evelyn	1	E		6
Q2514-07	TP-36	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1	E		U1-1
Q2514-08	TP-78	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	E		2
Q2514-09	TP-81	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	E		3
Q2514-10	TP-90	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1	E		4

* Extracts relinquished on the same date as received.

1875
53:08

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2487D WorkList ID : 190579 Department : Extraction Date : 07-08-2025 08:28:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2487-09	G4(0-6)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-10	G4(6-12)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-11	G3(0-6)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-12	G3(6-12)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-13	G2(0-6)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-14	G2(6-12)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-15	G1(0-6)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2487-16	G1(6-12)	Solid	Diesel Range Organics	Cool 4 deg C	WALS01	A22	07/01/2025	8015D
Q2514-01	TP-92	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-02	TP-93	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-03	TP-94	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-04	TP-96	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-05	TP-97	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-06	TP-103	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/02/2025	8015D
Q2514-07	TP-36	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/03/2025	8015D
Q2514-08	TP-78	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/03/2025	8015D
Q2514-09	TP-81	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/03/2025	8015D
Q2514-10	TP-90	Solid	Diesel Range Organics	Cool 4 deg C	CAMP02	O21	07/03/2025	8015D

Date/Time 07/08/25 8:30
Raw Sample Received by: RJ (EXT-196)
Raw Sample Relinquished by: OP SR

Date/Time 07/08/25 9:00
Raw Sample Received by: OP SR
Raw Sample Relinquished by: RJ (EXT-196)



SHIPPING DOCUMENTS

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2487	WALS01	Order Date : 7/2/2025 10:05:00 AM	Project Mgr : Level 1
Client Name : Walsh Construction Compai		Project Name : Construction of Shafts 17B-	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 7/1/2025 4:00:00 PM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compai		Purchase Order :	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2487-01	G4(1.5)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-02	G4(10)	Solid	07/01/2025	10:45 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-03	G3(9)	Solid	07/01/2025	11:50 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-04	G3(3)	Solid	07/01/2025	12:00 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-05	G2(2.5)	Solid	07/01/2025	01:25 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-06	G2(9)	Solid	07/01/2025	01:30 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-07	G1(4.5)	Solid	07/01/2025	02:30 10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2487-08	G1(10)	Solid	07/01/2025	02:40 10:25					

DP 07/11/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2487	WALS01	Order Date : 7/2/2025 10:05:00 AM	Project Mgr : Level 1
Client Name : Walsh Construction Compai		Project Name : Construction of Shafts 17B-	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 7/1/2025 4:00:00 PM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compai		Purchase Order :	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :

CH
7/2/25 15:45

Received By :

Date / Time :

Sam
07/02/25 15:45 *2848*
132

Storage Area : VOA Refridgerator Room