

Cover Page

Order ID : Q3157

Project ID : Yard Soil Cleanup

Client : Always Available Construction LLC.

Lab Sample Number

Q3157-01
Q3157-02
Q3157-03

Client Sample Number

20-DEAD-1
20-DEAD-1
TB

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: 9/29/2025

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 #: Q3157

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 09/29/2025

LAB CHRONICLE

OrderID:	Q3157	OrderDate:	9/19/2025 2:22:59 PM
Client:	Always Available Construction LLC.	Project:	Yard Soil Cleanup
Contact:	Michael Roth	Location:	D31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3157-01	20-DEAD-1	SOIL			09/19/25			09/19/25
			Diesel Range Organics	8015D		10/01/25	10/01/25	
			Gasoline Range Organics	8015D			09/23/25	
			PCB	8082A		09/22/25	09/22/25	
			Pesticide-TCL	8081B		09/22/25	09/23/25	
Q3157-02	20-DEAD-1	TCLP			09/19/25			09/19/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	



QC SUMMARY



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

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No.: Q3157

CLIENT ID	S1	S2	S3	S4	TOT
	TETRACOSANE-d50				OUT
PIBLK-FF016482.D	71				0
PIBLK-FF016490.D	67				0
PB169930BL	66				0
PB169930BS	67				0
20-DEAD-1	59				0
20-DEAD-1MS	46				0
20-DEAD-1MSD	76				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: Always Available Construction LLC.

Lab Code: ACE

SDG No: Q3157

Client Sample ID : 20-DEAD-1MS

Datafile: FF016488.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7312	4880	8827	54%	*	68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No: Q3157

Client Sample ID : 20-DEAD-1MSD

Datafile: FF016489.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7324	4880	14582	132%	*	68-131

MS/MSD % Recovery RPD : 84.2

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

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No: Q3157

Client Sample ID : PB169930BS

Datafile: FF016486.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	4827	72	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169930BL

Lab Name: Alliance

Contract: ALWA01

Lab Code: ACE

SDG NO.: Q3157

Lab File ID: FF016485.D

Lab Sample ID: PB169930BL

Instrument ID: FF

Date Extracted: 10/01/2025

Matrix: (soil/water) Soil

Date Analyzed: 10/01/25

Level: (low/med) low

Time Analyzed: 11:58

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169930BS	PB169930BS	FF016486.D	10/01/25
20-DEAD-1	Q3157-01	FF016487.D	10/01/25
20-DEAD-1MS	Q3157-01MS	FF016488.D	10/01/25
20-DEAD-1MSD	Q3157-01MSD	FF016489.D	10/01/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	09/19/25	
Project:	Yard Soil Cleanup		Date Received:	09/19/25	
Client Sample ID:	20-DEAD-1		SDG No.:	Q3157	
Lab Sample ID:	Q3157-01		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	90.9	Decanted:
Sample Wt/Vol:	30.02	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
FF016487.D	1	10/01/25 08:00	10/01/25 12:56	PB169930

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4880		186	1830	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	11.8		37 - 130	59%	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\FF100125\
Data File : FF016487.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 12:56
Operator : YP\AJ
Sample : Q3157-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:55:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.064	1525556	11.781 ug/ml
Target Compounds			

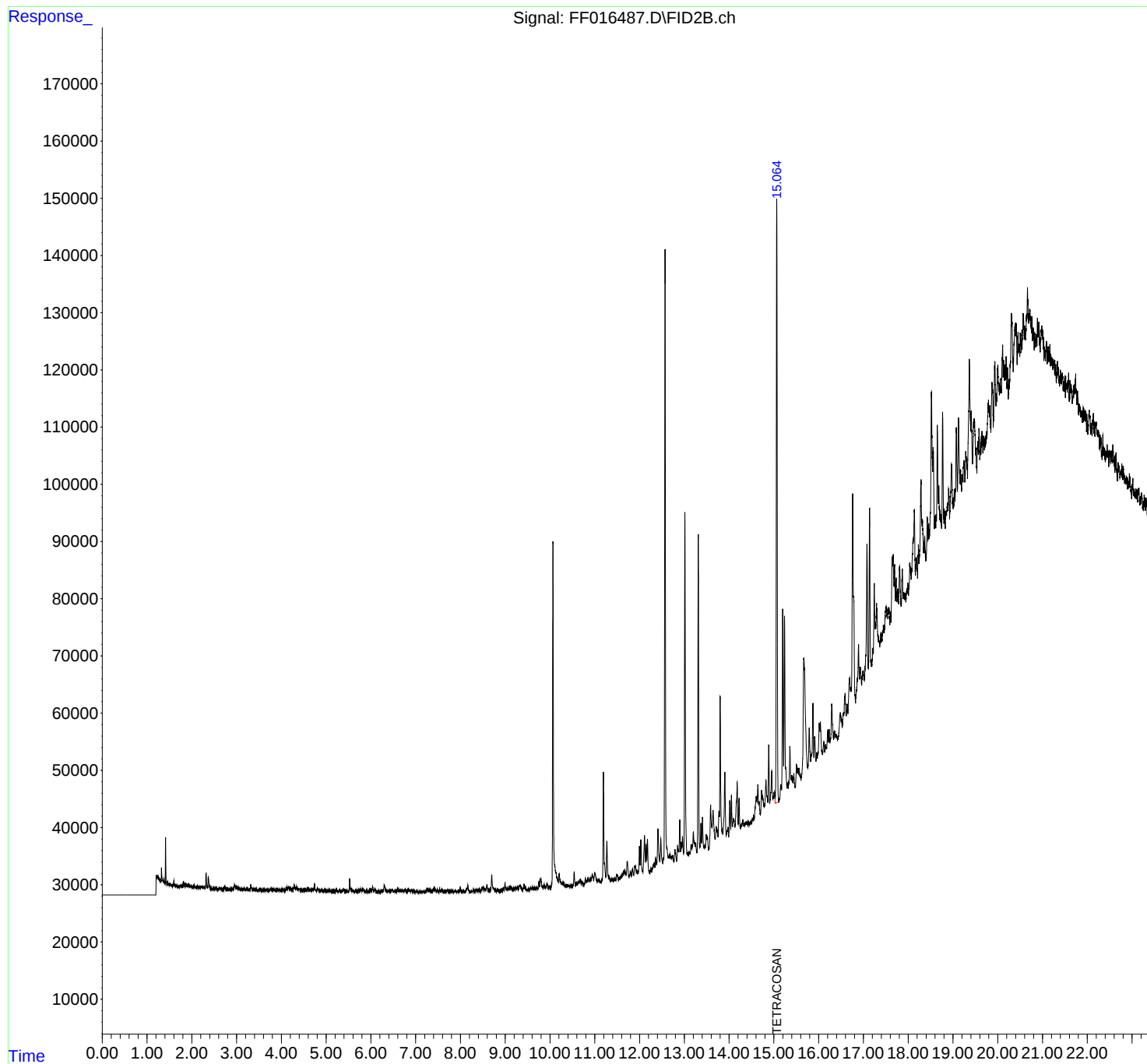
(f)=RT Delta > 1/2 Window

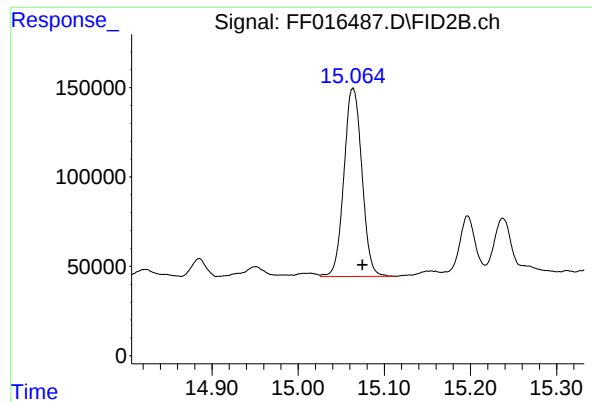
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016487.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 12:56
Operator : YP\AJ
Sample : Q3157-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:55:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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.: 15.064 min
Delta R.T.: -0.011 min
Response: 1525556
Conc: 11.78 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016487.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 12:56
 Sample : Q3157-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.065	5.062	5.072	VV	209	955	0.06%	0.005%
2	5.085	5.072	5.113	VV	253	3935	0.26%	0.019%
3	5.139	5.113	5.147	PV	159	1838	0.12%	0.009%
4	5.153	5.147	5.160	VV	101	729	0.05%	0.004%
5	5.169	5.160	5.192	VV	157	1552	0.10%	0.008%
6	5.198	5.192	5.205	VV	121	703	0.05%	0.003%
7	5.235	5.205	5.253	VV	445	6941	0.45%	0.034%
8	5.259	5.253	5.268	VV	159	997	0.06%	0.005%
9	5.284	5.268	5.323	VV	265	5210	0.34%	0.026%
10	5.341	5.323	5.356	VV	271	3289	0.21%	0.016%
11	5.372	5.356	5.390	VV	269	4362	0.28%	0.021%
12	5.395	5.390	5.415	VV	317	3544	0.23%	0.017%
13	5.428	5.415	5.447	VV	176	2319	0.15%	0.011%
14	5.464	5.447	5.484	VV	211	2810	0.18%	0.014%
15	5.489	5.484	5.497	VV	103	427	0.03%	0.002%
16	5.527	5.497	5.554	VV	2304	28459	1.85%	0.139%
17	5.559	5.554	5.581	VV	520	5327	0.35%	0.026%
18	5.595	5.581	5.620	VV	309	4528	0.29%	0.022%
19	5.624	5.620	5.645	VV	115	830	0.05%	0.004%
20	5.656	5.645	5.661	VV	291	1966	0.13%	0.010%
21	5.665	5.661	5.697	VV	293	2660	0.17%	0.013%
22	5.725	5.697	5.753	VV	383	6341	0.41%	0.031%
23	5.778	5.753	5.804	VV	524	10142	0.66%	0.050%
24	5.818	5.804	5.883	VV	664	12679	0.83%	0.062%
25	5.887	5.883	5.893	VV	92	322	0.02%	0.002%
26	5.914	5.893	5.947	PV	300	4962	0.32%	0.024%
27	5.968	5.947	5.985	VV	432	5899	0.38%	0.029%
28	5.991	5.985	5.998	VV	274	1940	0.13%	0.010%
29	6.013	5.998	6.020	VV	380	3737	0.24%	0.018%
30	6.039	6.020	6.059	VV	899	11402	0.74%	0.056%
31	6.063	6.059	6.068	VV	254	1263	0.08%	0.006%

					rteres			
32	6.091	6.068	6.143	VV	702	11318	0.74%	0.055%
33	6.150	6.143	6.180	VV	235	2611	0.17%	0.013%
34	6.202	6.180	6.225	VV	170	2808	0.18%	0.014%
35	6.258	6.225	6.275	VV	229	3724	0.24%	0.018%
36	6.298	6.275	6.366	VV	1226	28841	1.88%	0.141%
37	6.374	6.366	6.385	VV	273	2198	0.14%	0.011%
38	6.394	6.385	6.427	VV	260	5049	0.33%	0.025%
39	6.448	6.427	6.457	VV	326	4112	0.27%	0.020%
40	6.476	6.457	6.516	VV	528	9160	0.60%	0.045%
41	6.546	6.516	6.565	VV	234	4766	0.31%	0.023%
42	6.600	6.565	6.632	VV	751	13117	0.85%	0.064%
43	6.647	6.632	6.664	VV	438	5303	0.35%	0.026%
44	6.674	6.664	6.691	VV	325	4344	0.28%	0.021%
45	6.706	6.691	6.734	VV	349	5864	0.38%	0.029%
46	6.762	6.734	6.778	VV	561	8008	0.52%	0.039%
47	6.781	6.778	6.786	VV	159	711	0.05%	0.003%
48	6.792	6.786	6.808	VV	175	1610	0.10%	0.008%
49	6.842	6.808	6.880	VV	566	12310	0.80%	0.060%
50	6.912	6.880	6.938	VV	374	7669	0.50%	0.038%
51	6.961	6.938	7.003	VV	223	5222	0.34%	0.026%
52	7.028	7.003	7.062	VV	259	4673	0.30%	0.023%
53	7.086	7.062	7.111	PV	228	2660	0.17%	0.013%
54	7.118	7.111	7.141	VV	108	1111	0.07%	0.005%
55	7.165	7.141	7.174	VV	148	1585	0.10%	0.008%
56	7.177	7.174	7.181	VV	76	281	0.02%	0.001%
57	7.208	7.181	7.215	VV	123	2194	0.14%	0.011%
58	7.220	7.215	7.227	VV	147	740	0.05%	0.004%
59	7.253	7.227	7.286	VV	589	13549	0.88%	0.066%
60	7.295	7.286	7.309	VV	427	5139	0.33%	0.025%
61	7.327	7.309	7.368	VV	406	9369	0.61%	0.046%
62	7.397	7.368	7.411	VV	578	9474	0.62%	0.046%
63	7.423	7.411	7.447	VV	754	10605	0.69%	0.052%
64	7.452	7.447	7.464	VV	222	2017	0.13%	0.010%
65	7.484	7.464	7.498	VV	428	5296	0.35%	0.026%
66	7.502	7.498	7.513	VV	181	1435	0.09%	0.007%
67	7.533	7.513	7.557	VV	569	7517	0.49%	0.037%
68	7.578	7.557	7.601	VV	452	7330	0.48%	0.036%
69	7.606	7.601	7.631	VV	321	3782	0.25%	0.019%
70	7.635	7.631	7.639	VV	140	636	0.04%	0.003%
71	7.648	7.639	7.653	VV	219	1344	0.09%	0.007%
72	7.658	7.653	7.684	VV	233	2501	0.16%	0.012%
73	7.710	7.684	7.732	VV	471	7729	0.50%	0.038%
74	7.737	7.732	7.748	VV	231	1506	0.10%	0.007%
75	7.772	7.748	7.821	VV	321	7283	0.47%	0.036%
76	7.831	7.821	7.854	VV	225	2924	0.19%	0.014%
77	7.887	7.854	7.909	VV	327	5949	0.39%	0.029%
78	7.923	7.909	7.929	VV	119	957	0.06%	0.005%
79	7.938	7.929	7.968	VV	161	2576	0.17%	0.013%

80	7.996	7.968	8.032	VV	rteres 741	13031	0.85%	0.064%
81	8.037	8.032	8.047	VV	128	1129	0.07%	0.006%
82	8.051	8.047	8.054	VV	199	670	0.04%	0.003%
83	8.059	8.054	8.105	VV	182	3634	0.24%	0.018%
84	8.143	8.105	8.152	PV	697	11649	0.76%	0.057%
85	8.166	8.152	8.225	VV	1271	20248	1.32%	0.099%
86	8.246	8.225	8.257	VV	168	1990	0.13%	0.010%
87	8.285	8.257	8.301	VV	463	6349	0.41%	0.031%
88	8.320	8.301	8.335	VV	325	4624	0.30%	0.023%
89	8.355	8.335	8.380	VV	382	6906	0.45%	0.034%
90	8.412	8.380	8.429	VV	498	8246	0.54%	0.040%
91	8.433	8.429	8.449	VV	189	1810	0.12%	0.009%
92	8.485	8.449	8.493	VV	629	10572	0.69%	0.052%
93	8.495	8.493	8.499	VV	537	1949	0.13%	0.010%
94	8.509	8.499	8.528	VV	727	10154	0.66%	0.050%
95	8.542	8.528	8.554	VV	481	6177	0.40%	0.030%
96	8.593	8.554	8.629	VV	1291	26147	1.70%	0.128%
97	8.699	8.629	8.739	VV	2990	55223	3.60%	0.271%
98	8.744	8.739	8.771	VV	574	8326	0.54%	0.041%
99	8.776	8.771	8.782	VV	315	2032	0.13%	0.010%
100	8.790	8.782	8.812	VV	364	4428	0.29%	0.022%
101	8.838	8.812	8.874	VV	313	6742	0.44%	0.033%
102	8.879	8.874	8.894	VV	134	685	0.04%	0.003%
103	8.899	8.894	8.904	PV	50	219	0.01%	0.001%
104	8.925	8.904	8.937	VV	247	3392	0.22%	0.017%
105	8.957	8.937	8.978	VV	543	8463	0.55%	0.041%
106	8.996	8.978	9.015	VV	1505	18311	1.19%	0.090%
107	9.048	9.015	9.061	VV	572	10780	0.70%	0.053%
108	9.087	9.061	9.096	VV	582	10734	0.70%	0.053%
109	9.113	9.096	9.122	VV	634	8837	0.58%	0.043%
110	9.132	9.122	9.160	VV	713	11302	0.74%	0.055%
111	9.189	9.160	9.203	VV	436	7627	0.50%	0.037%
112	9.240	9.203	9.259	VV	678	13605	0.89%	0.067%
113	9.280	9.259	9.298	VV	634	9948	0.65%	0.049%
114	9.318	9.298	9.324	VV	923	11410	0.74%	0.056%
115	9.336	9.324	9.388	VV	975	19810	1.29%	0.097%
116	9.393	9.388	9.396	VV	196	774	0.05%	0.004%
117	9.418	9.396	9.439	VV	1030	15696	1.02%	0.077%
118	9.448	9.439	9.480	VV	622	9002	0.59%	0.044%
119	9.485	9.480	9.494	VV	171	975	0.06%	0.005%
120	9.505	9.494	9.512	VV	163	1308	0.09%	0.006%
121	9.515	9.512	9.549	VV	203	2041	0.13%	0.010%
122	9.567	9.549	9.585	PV	555	6070	0.40%	0.030%
123	9.601	9.585	9.630	VV	525	7595	0.49%	0.037%
124	9.652	9.630	9.689	VV	409	6172	0.40%	0.030%
125	9.705	9.689	9.727	VV	430	5571	0.36%	0.027%
126	9.748	9.727	9.768	VV	1178	16148	1.05%	0.079%

					rteres			
127	9.789	9.768	9.848	VV	1795	43824	2.86%	0.215%
128	9.866	9.848	9.895	VV	825	12204	0.80%	0.060%
129	9.908	9.895	9.918	VV	389	4327	0.28%	0.021%
130	9.933	9.918	9.959	VV	1020	14193	0.92%	0.070%
131	9.964	9.959	9.970	VV	236	1463	0.10%	0.007%
132	9.995	9.970	10.011	VV	467	6567	0.43%	0.032%
133	10.066	10.011	10.181	VV	60577	836124	54.47%	4.097%
134	10.202	10.181	10.257	VV	2361	63151	4.11%	0.309%
135	10.272	10.257	10.287	VV	789	12148	0.79%	0.060%
136	10.307	10.287	10.343	VV	935	16634	1.08%	0.082%
137	10.374	10.343	10.405	VV	414	8083	0.53%	0.040%
138	10.409	10.405	10.419	VV	150	966	0.06%	0.005%
139	10.431	10.419	10.455	VV	180	2437	0.16%	0.012%
140	10.461	10.455	10.468	PV	119	464	0.03%	0.002%
141	10.484	10.468	10.495	VV	141	975	0.06%	0.005%
142	10.540	10.495	10.568	VV	2499	33894	2.21%	0.166%
143	10.590	10.568	10.610	VV	650	9683	0.63%	0.047%
144	10.646	10.610	10.656	VV	787	13875	0.90%	0.068%
145	10.674	10.656	10.700	VV	1043	17763	1.16%	0.087%
146	10.712	10.700	10.751	VV	587	9718	0.63%	0.048%
147	10.761	10.751	10.767	VV	120	854	0.06%	0.004%
148	10.790	10.767	10.830	VV	1087	22893	1.49%	0.112%
149	10.850	10.830	10.882	VV	1081	22599	1.47%	0.111%
150	10.897	10.882	10.913	VV	1061	15297	1.00%	0.075%
151	10.941	10.913	10.954	VV	1622	28203	1.84%	0.138%
152	10.959	10.954	10.975	VV	1320	12603	0.82%	0.062%
153	11.000	10.975	11.034	VV	1772	43394	2.83%	0.213%
154	11.043	11.034	11.052	VV	647	5616	0.37%	0.028%
155	11.068	11.052	11.077	VV	554	6581	0.43%	0.032%
156	11.094	11.077	11.112	VV	702	9965	0.65%	0.049%
157	11.117	11.112	11.140	VV	328	3714	0.24%	0.018%
158	11.192	11.140	11.247	VV	19301	274937	17.91%	1.347%
159	11.269	11.247	11.354	VV	7135	124735	8.13%	0.611%
160	11.371	11.354	11.387	VV	366	5462	0.36%	0.027%
161	11.391	11.387	11.405	VV	205	1887	0.12%	0.009%
162	11.413	11.405	11.433	VV	241	2107	0.14%	0.010%
163	11.451	11.433	11.470	PV	369	4144	0.27%	0.020%
164	11.495	11.470	11.534	VV	1042	19663	1.28%	0.096%
165	11.558	11.534	11.565	VV	277	3454	0.23%	0.017%
166	11.618	11.565	11.628	VV	901	20731	1.35%	0.102%
167	11.645	11.628	11.657	VV	1432	17954	1.17%	0.088%
168	11.671	11.657	11.701	VV	1304	25420	1.66%	0.125%
169	11.727	11.701	11.767	VV	2859	55673	3.63%	0.273%
170	11.799	11.767	11.820	VV	1000	17517	1.14%	0.086%
171	11.843	11.820	11.870	VV	1332	22334	1.46%	0.109%
172	11.891	11.870	11.898	VV	1830	18517	1.21%	0.091%
173	11.906	11.898	11.944	VV	1742	29508	1.92%	0.145%
174	11.956	11.944	11.972	VV	646	8813	0.57%	0.043%

175	11.997	11.972	12.014	VV	rteres 5049	62586	4.08%	0.307%
176	12.029	12.014	12.074	VV	6098	87568	5.71%	0.429%
177	12.111	12.074	12.130	VV	6687	117398	7.65%	0.575%
178	12.146	12.130	12.160	VV	5036	64156	4.18%	0.314%
179	12.177	12.160	12.226	VV	5989	84485	5.50%	0.414%
180	12.254	12.226	12.276	PV	609	9514	0.62%	0.047%
181	12.319	12.276	12.343	VV	1324	31889	2.08%	0.156%
182	12.361	12.343	12.378	VV	1974	28911	1.88%	0.142%
183	12.412	12.378	12.452	VV	7125	145437	9.48%	0.713%
184	12.475	12.452	12.515	VV	5180	95186	6.20%	0.466%
185	12.570	12.515	12.636	VV	107950	1396321	90.97%	6.842%
186	12.646	12.636	12.659	VV	1514	18822	1.23%	0.092%
187	12.675	12.659	12.694	VV	1939	30537	1.99%	0.150%
188	12.699	12.694	12.709	VV	1366	10985	0.72%	0.054%
189	12.720	12.709	12.732	VV	1332	16590	1.08%	0.081%
190	12.742	12.732	12.769	VV	1466	21141	1.38%	0.104%
191	12.790	12.769	12.830	VV	2372	44204	2.88%	0.217%
192	12.850	12.830	12.864	VV	2798	36140	2.35%	0.177%
193	12.869	12.864	12.879	VV	1941	16229	1.06%	0.080%
194	12.899	12.879	12.918	VV	7185	97192	6.33%	0.476%
195	12.934	12.918	12.946	VV	3189	43572	2.84%	0.213%
196	12.960	12.946	12.987	VV	4062	61783	4.03%	0.303%
197	13.014	12.987	13.064	VV	60421	775030	50.49%	3.798%
198	13.074	13.064	13.093	VV	945	12459	0.81%	0.061%
199	13.113	13.093	13.128	VV	1005	15316	1.00%	0.075%
200	13.151	13.128	13.165	VV	2135	31152	2.03%	0.153%
201	13.181	13.165	13.186	VV	1917	20387	1.33%	0.100%
202	13.203	13.186	13.243	VV	4173	88160	5.74%	0.432%
203	13.256	13.243	13.280	VV	2066	28635	1.87%	0.140%
204	13.313	13.280	13.346	VV	55871	652048	42.48%	3.195%
205	13.371	13.346	13.388	VV	5186	71839	4.68%	0.352%
206	13.405	13.388	13.437	VV	6101	92185	6.01%	0.452%
207	13.452	13.437	13.466	VV	1024	14220	0.93%	0.070%
208	13.490	13.466	13.504	VV	2806	41202	2.68%	0.202%
209	13.518	13.504	13.546	VV	2300	33733	2.20%	0.165%
210	13.588	13.546	13.614	PV	7664	139249	9.07%	0.682%
211	13.618	13.614	13.621	VV	3810	17104	1.11%	0.084%
212	13.643	13.621	13.691	VV	6478	155345	10.12%	0.761%
213	13.714	13.691	13.732	VV	3229	56891	3.71%	0.279%
214	13.737	13.732	13.753	VV	2462	25848	1.68%	0.127%
215	13.774	13.753	13.785	VV	5687	77745	5.07%	0.381%
216	13.801	13.785	13.862	VV	25608	369614	24.08%	1.811%
217	13.905	13.862	13.938	VV	11842	218536	14.24%	1.071%
218	13.954	13.938	13.959	VV	1433	14865	0.97%	0.073%
219	13.975	13.959	13.991	VV	1936	22871	1.49%	0.112%
220	14.015	13.991	14.035	VV	6381	86068	5.61%	0.422%
221	14.052	14.035	14.076	VV	7085	90761	5.91%	0.445%

					rteres			
222	14.095	14.076	14.107	VV	2565	42263	2.75%	0.207%
223	14.112	14.107	14.128	VV	2503	24902	1.62%	0.122%
224	14.181	14.128	14.204	VV	8822	192139	12.52%	0.941%
225	14.223	14.204	14.250	VV	5805	79601	5.19%	0.390%
226	14.256	14.250	14.260	VV	506	2788	0.18%	0.014%
227	14.307	14.260	14.330	VV	1587	39914	2.60%	0.196%
228	14.344	14.330	14.354	VV	858	8936	0.58%	0.044%
229	14.393	14.354	14.417	VV	798	22765	1.48%	0.112%
230	14.429	14.417	14.433	VV	566	4115	0.27%	0.020%
231	14.439	14.433	14.459	VV	633	4342	0.28%	0.021%
232	14.471	14.459	14.478	VV	381	3001	0.20%	0.015%
233	14.490	14.478	14.504	VV	594	4125	0.27%	0.020%
234	14.521	14.504	14.537	PV	834	9614	0.63%	0.047%
235	14.550	14.537	14.562	VV	1022	11052	0.72%	0.054%
236	14.610	14.562	14.621	VV	4049	95554	6.23%	0.468%
237	14.643	14.621	14.667	VV	5981	108075	7.04%	0.530%
238	14.673	14.667	14.697	VV	2785	28593	1.86%	0.140%
239	14.725	14.697	14.741	VV	4391	70154	4.57%	0.344%
240	14.748	14.741	14.773	VV	3366	48922	3.19%	0.240%
241	14.788	14.773	14.795	VV	1707	19634	1.28%	0.096%
242	14.823	14.795	14.864	VV	5640	132337	8.62%	0.648%
243	14.885	14.864	14.906	VV	11406	145072	9.45%	0.711%
244	14.950	14.906	14.995	VV	6389	148914	9.70%	0.730%
245	15.014	14.995	15.026	VV	2377	36387	2.37%	0.178%
246	15.064	15.026	15.113	VV	105531	1534912	100.00%	7.521%
247	15.154	15.113	15.166	PV	2741	45162	2.94%	0.221%
248	15.197	15.166	15.217	VV	33190	432545	28.18%	2.119%
249	15.238	15.217	15.305	VV	31708	520817	33.93%	2.552%
250	15.312	15.305	15.322	VV	1928	15722	1.02%	0.077%
251	15.357	15.322	15.380	VV	8050	136934	8.92%	0.671%
252	15.383	15.380	15.390	VV	2313	13178	0.86%	0.065%
253	15.398	15.390	15.427	VV	2739	47998	3.13%	0.235%
254	15.446	15.427	15.479	VV	2820	41826	2.72%	0.205%
255	15.505	15.479	15.523	PV	3870	60015	3.91%	0.294%
256	15.534	15.523	15.550	VV	3055	41608	2.71%	0.204%
257	15.562	15.550	15.580	VV	2798	37554	2.45%	0.184%
258	15.584	15.580	15.605	VV	1369	16979	1.11%	0.083%
259	15.612	15.605	15.616	VV	1005	4955	0.32%	0.024%
260	15.670	15.616	15.762	VV	21239	756737	49.30%	3.708%
261	15.790	15.762	15.821	VV	8052	152668	9.95%	0.748%
262	15.873	15.821	15.895	VV	11703	225131	14.67%	1.103%
263	15.914	15.895	15.941	VV	5525	97344	6.34%	0.477%
264	15.958	15.941	15.972	VV	2342	30458	1.98%	0.149%
265	16.013	15.972	16.024	VV	7063	119486	7.78%	0.585%
266	16.039	16.024	16.090	VV	7071	149666	9.75%	0.733%
267	16.117	16.090	16.138	VV	2945	58605	3.82%	0.287%
268	16.159	16.138	16.180	VV	2106	39277	2.56%	0.192%
269	16.206	16.180	16.220	VV	4391	71249	4.64%	0.349%

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270	16.236	16.220	16.251	VV	4189	56152	3.66%	0.275%
271	16.292	16.251	16.340	VV	8088	210490	13.71%	1.031%
272	16.359	16.340	16.391	VV	2906	66944	4.36%	0.328%
273	16.398	16.391	16.419	VV	2043	26377	1.72%	0.129%
274	16.422	16.419	16.427	VV	1366	5950	0.39%	0.029%
275	16.432	16.427	16.438	VV	1072	6378	0.42%	0.031%
276	16.485	16.438	16.514	VV	4939	154240	10.05%	0.756%
277	16.517	16.514	16.527	VV	3679	23929	1.56%	0.117%
278	16.591	16.527	16.618	VV	7459	266534	17.36%	1.306%
279	16.639	16.618	16.654	VV	5306	95137	6.20%	0.466%
280	16.693	16.654	16.719	VV	9449	288018	18.76%	1.411%
281	16.760	16.719	16.824	VV	40853	1078123	70.24%	5.283%
282	16.892	16.824	16.915	VV	13638	444141	28.94%	2.176%
283	16.930	16.915	16.963	VV	9523	233204	15.19%	1.143%
284	16.988	16.963	17.012	VV	8232	221241	14.41%	1.084%
285	17.017	17.012	17.027	VV	7355	61820	4.03%	0.303%
286	17.080	17.027	17.113	VV	29774	729672	47.54%	3.575%
287	17.139	17.113	17.190	VV	35598	712037	46.39%	3.489%
288	17.214	17.190	17.220	VV	10372	166528	10.85%	0.816%
289	17.243	17.220	17.263	VV	21613	401751	26.17%	1.969%
290	17.268	17.263	17.277	VV	14609	124198	8.09%	0.609%
291	17.294	17.277	17.338	VV	17689	507402	33.06%	2.486%
292	17.342	17.338	17.364	VV	11569	167652	10.92%	0.821%
					Sum of corrected areas:	20408398		

FF090525.M Fri Oct 03 05:15:45 2025



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: ALWA01

ProjectID: Yard Soil Cleanup

Lab Code: ACE

SDG No.: Q3157

Calibration Sequence : FF090525		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
500	91057479	182115	FF016336.D
200	25476945	127385	FF016337.D
100	14194814	141948	FF016338.D
50	7342714	146854	FF016339.D
1000	111238681	111239	FF016340.D
AVG RF : 141908		% RSD : 18.619	AVG RT : 15.071

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ALWA01
ProjectID: Yard Soil Cleanup
Lab Code: ACE SDG No.: Q3157
DataFile: FF016483.D Analyst Name: YP\AJ Analyst Date: 10-01-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	66067263	132135	141908	6.887

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016483.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 10:43
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 04:53:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.066	5873868	45.362 ug/ml
Target Compounds			
2) N-DECANE	4.574	6542080	49.130 ug/ml
3) N-DODECANE	6.756	6631963	48.784 ug/ml
4) N-TETRADECANE	8.590	6649310	47.692 ug/ml
5) N-HEXADECANE	10.201	6703681	47.189 ug/ml
6) N-OCTADECANE	11.648	6845654	46.566 ug/ml
7) N-EICOSANE	12.962	6854843	45.951 ug/ml
8) N-DOCOSANE	14.164	6631218	45.606 ug/ml
10) N-TETRACOSANE	15.271	6558645	45.259 ug/ml
11) N-HEXACOSANE	16.294	6435132	45.037 ug/ml
12) N-OCTACOSANE	17.248	6214737	44.676 ug/ml

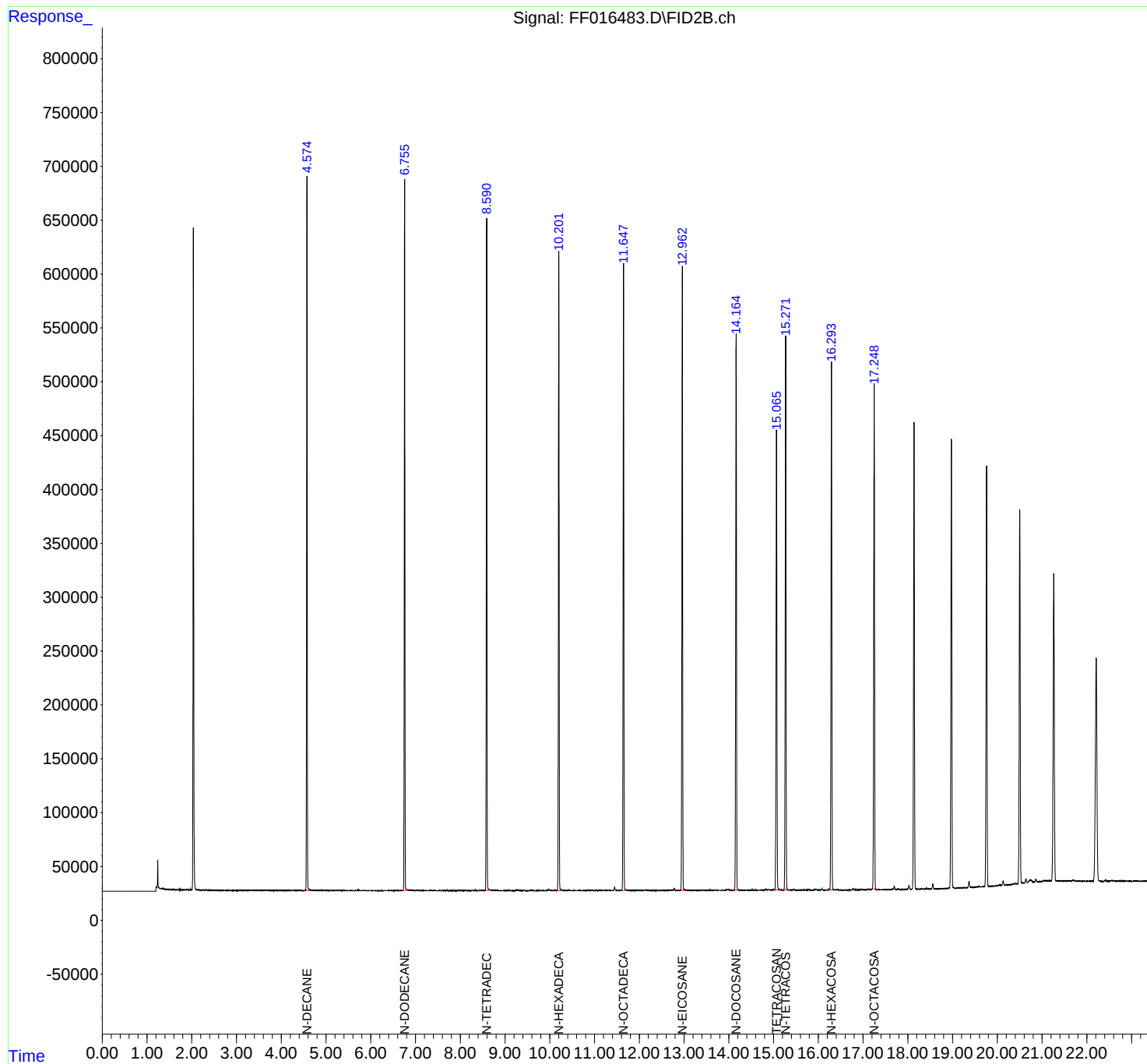
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016483.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 10:43
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:53:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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\FF100125\
Data File : FF016483.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 10:43
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.574	4.540	4.654	BB	662361	6542080	95.44%	9.094%
2	6.756	6.719	6.839	BB	660922	6631963	96.75%	9.219%
3	8.590	8.554	8.672	BB	623821	6649310	97.00%	9.243%
4	10.201	10.162	10.275	BB	595183	6703681	97.79%	9.318%
5	11.648	11.590	11.725	BB	583247	6845654	99.87%	9.516%
6	12.962	12.919	13.039	BB	578777	6854843	100.00%	9.528%
7	14.164	14.074	14.235	BB	515943	6631218	96.74%	9.218%
8	15.066	15.019	15.167	BB	427587	5873868	85.69%	8.165%
9	15.271	15.189	15.335	BB	514688	6558645	95.68%	9.117%
10	16.294	16.177	16.359	BB	489465	6435132	93.88%	8.945%
11	17.248	17.200	17.307	BB	467626	6214737	90.66%	8.639%
Sum of corrected areas:						71941132		

FF090525.M Fri Oct 03 05:25:05 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ALWA01
ProjectID: Yard Soil Cleanup
Lab Code: ACE SDG No.: Q3157
DataFile: FF016491.D Analyst Name: YP\AJ Analyst Date: 10-01-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	62152353	124305	141908	12.405

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016491.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 14:55
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 04:57:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.071	5420333	41.860 ug/ml
Target Compounds			
2) N-DECANE	4.586	6338980	47.605 ug/ml
3) N-DODECANE	6.765	6407906	47.136 ug/ml
4) N-TETRADECANE	8.599	6365313	45.655 ug/ml
5) N-HEXADECANE	10.209	6368805	44.831 ug/ml
6) N-OCTADECANE	11.655	6457174	43.923 ug/ml
7) N-EICOSANE	12.968	6420091	43.037 ug/ml
8) N-DOCOSANE	14.169	6168781	42.426 ug/ml
10) N-TETRACOSANE	15.276	6045621	41.718 ug/ml
11) N-HEXACOSANE	16.300	5888077	41.209 ug/ml
12) N-OCTACOSANE	17.254	5691605	40.915 ug/ml

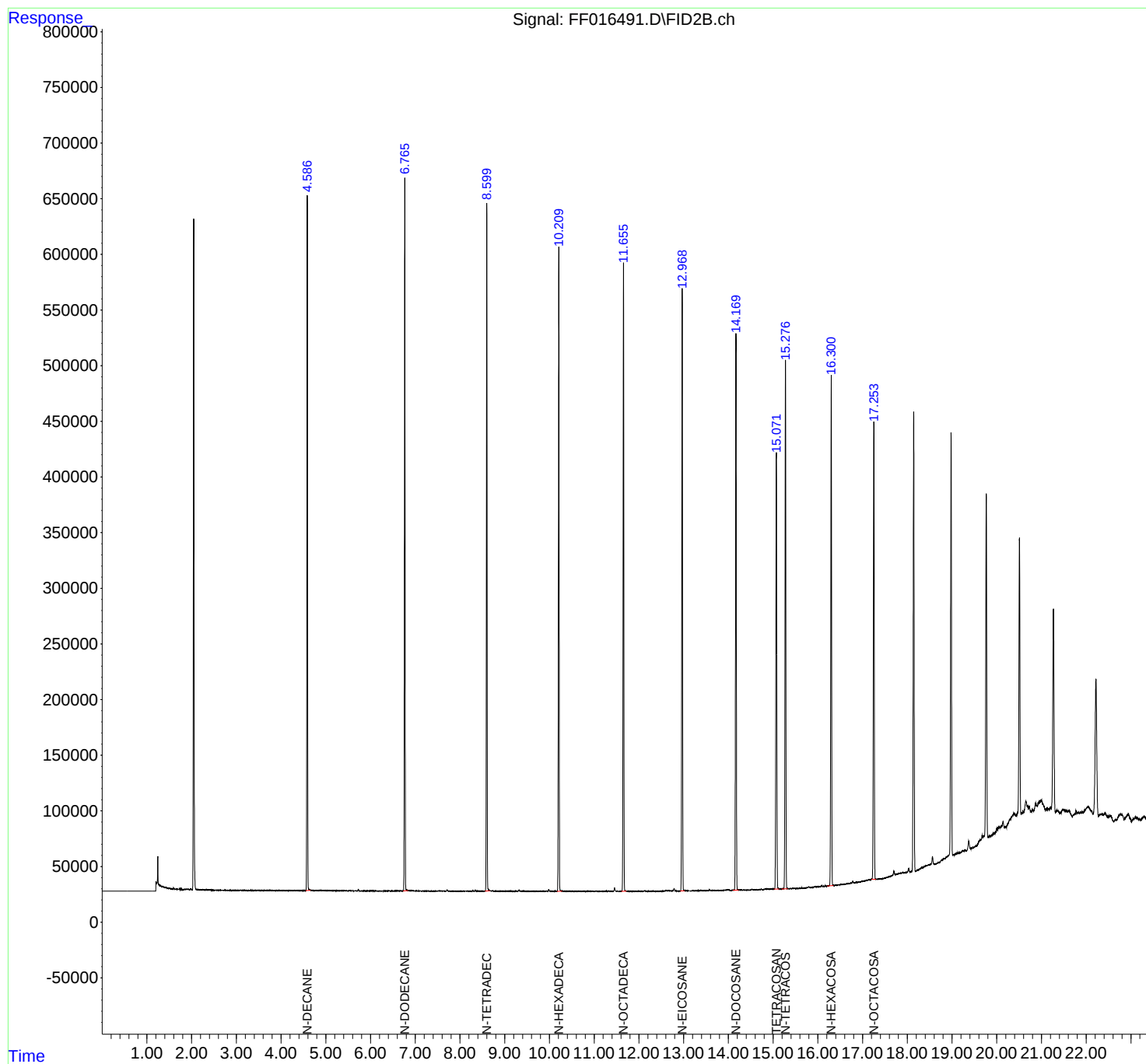
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016491.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:55
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:57:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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\FF100125\
Data File : FF016491.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:55
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.586	4.551	4.659	BB	624227	6338980	98.17%	9.381%
2	6.765	6.729	6.842	BB	640997	6407906	99.24%	9.483%
3	8.599	8.566	8.672	BB	618217	6365313	98.58%	9.420%
4	10.209	10.171	10.279	BB	578467	6368805	98.63%	9.425%
5	11.655	11.606	11.721	BB	565349	6457174	100.00%	9.556%
6	12.968	12.924	13.026	BB	539769	6420091	99.43%	9.501%
7	14.169	14.101	14.231	BB	499797	6168781	95.53%	9.129%
8	15.071	15.021	15.136	BV	391595	5420333	83.94%	8.021%
9	15.276	15.186	15.327	BB	475354	6045621	93.63%	8.947%
10	16.300	16.211	16.351	BB	459345	5888077	91.19%	8.714%
11	17.254	17.201	17.302	BV	411754	5691605	88.14%	8.423%
Sum of corrected areas:						67572686		

FF090525.M Fri Oct 03 05:26:48 2025

Analytical Sequence

Client: Always Available Construction LLC.

SDG No.: Q3157

Project: Yard Soil Cleanup

Instrument ID: FID_F

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

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.071					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	01 Oct 2025 09:28	FF016482.D	15.063	
50 PPM TRPH STD	50 PPM TRPH STD	01 Oct 2025 10:43	FF016483.D	15.066	
PB169930BL	PB169930BL	01 Oct 2025 11:58	FF016485.D	15.062	
PB169930BS	PB169930BS	01 Oct 2025 12:27	FF016486.D	15.063	
20-DEAD-1	Q3157-01	01 Oct 2025 12:56	FF016487.D	15.064	
20-DEAD-1MS	Q3157-01MS	01 Oct 2025 13:26	FF016488.D	15.066	
20-DEAD-1MSD	Q3157-01MSD	01 Oct 2025 13:55	FF016489.D	15.068	
PIBLK02	LBLK02	01 Oct 2025 14:25	FF016490.D	15.068	
50 PPM TRPH STD	50 PPM TRPH STD	01 Oct 2025 14:55	FF016491.D	15.071	



QC SAMPLE DATA

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:		
Project:	Yard Soil Cleanup		Date Received:		
Client Sample ID:	PB169930BL		SDG No.:	Q3157	
Lab Sample ID:	PB169930BL		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
FF016485.D	1	10/01/25 08:00	10/01/25 11:58	PB169930

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	13.2		37 - 130	66%	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\FF100125\
Data File : FF016485.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 11:58
Operator : YP\AJ
Sample : PB169930BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:54:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.062	1706661	13.180 ug/ml
Target Compounds			

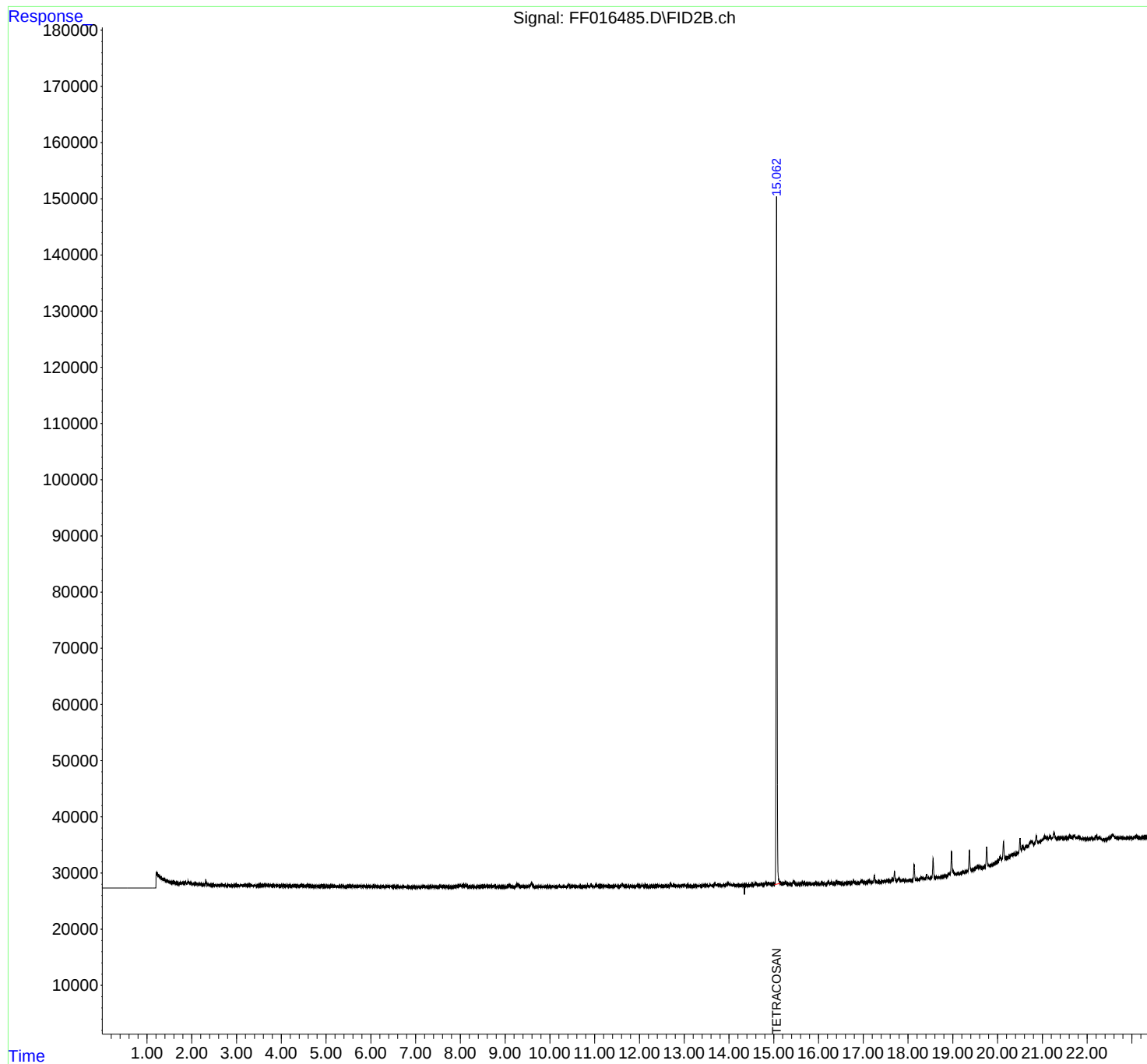
(f)=RT Delta > 1/2 Window

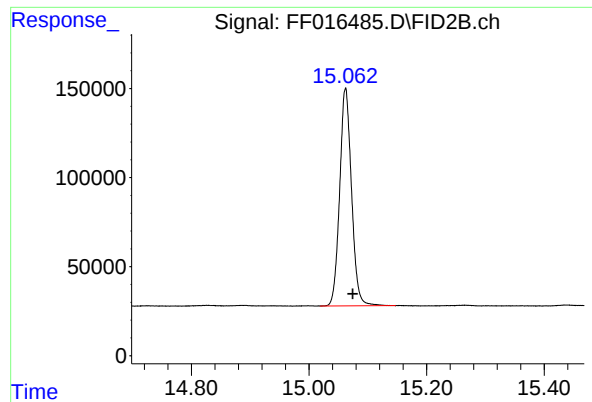
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016485.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 11:58
Operator : YP\AJ
Sample : PB169930BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:54:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.062 min
Delta R.T.: -0.012 min
Response: 1706661
Conc: 13.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016485.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 11:58
Sample : PB169930BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.062	15.019	15.147	BB	122364	1706661	100.00%	100.000%
Sum of corrected areas:						1706661		

FF090525.M Fri Oct 03 05:25:47 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	10/01/25	
Project:	Yard Soil Cleanup		Date Received:	10/01/25	
Client Sample ID:	PIBLK-FF016482.D		SDG No.:	Q3157	
Lab Sample ID:	I.BLK-FF016482.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016482.D	1		10/01/25	FF100125

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	14.3		29 - 130	71%	SPK: 20
580-13-2	2-Bromonaphthalene (SURR)	0.00		40 - 140	0%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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\FF100125\
Data File : FF016482.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 09:28
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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...	15.063	1850506	14.291 ug/ml
Target Compounds			

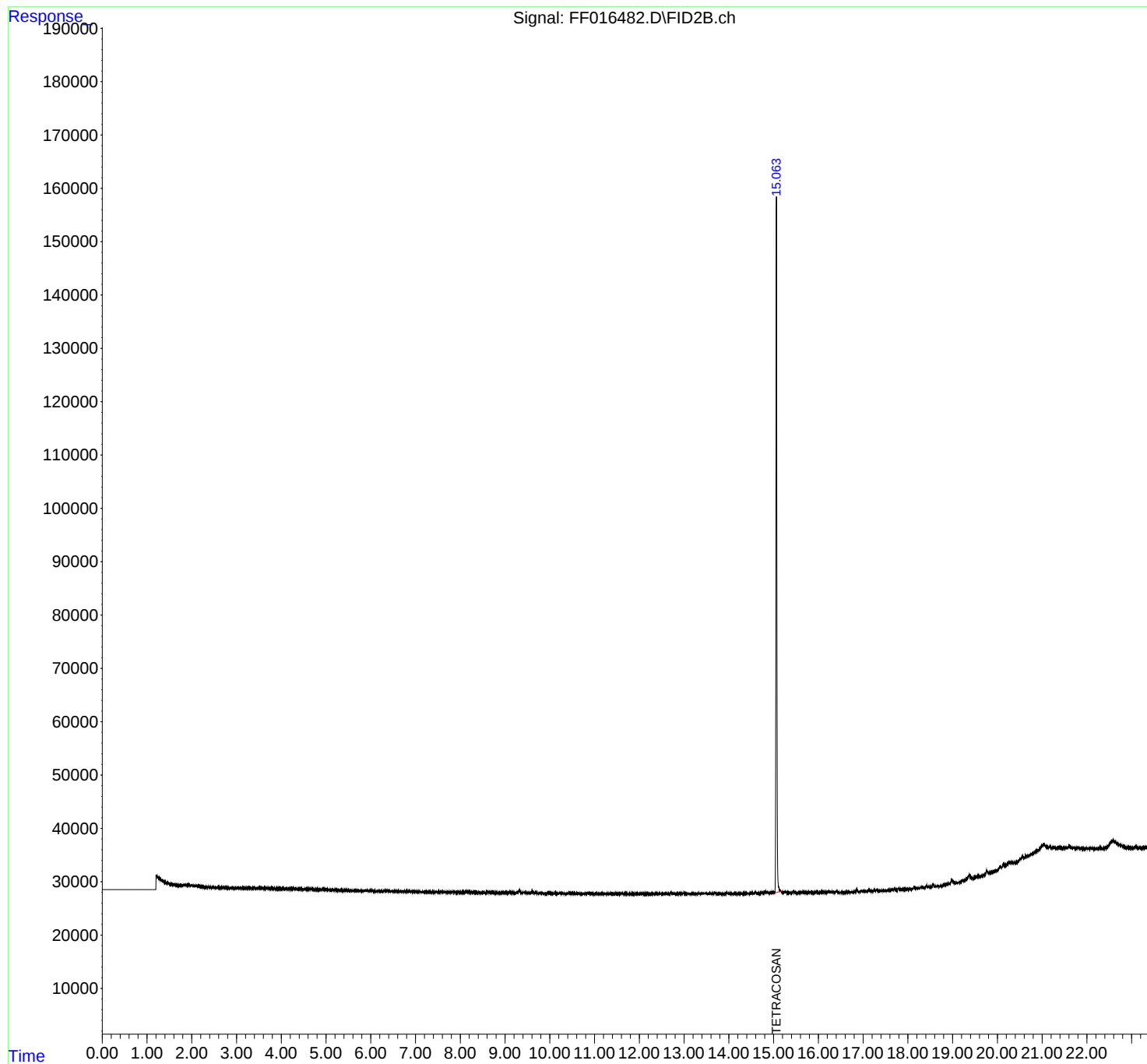
(f)=RT Delta > 1/2 Window

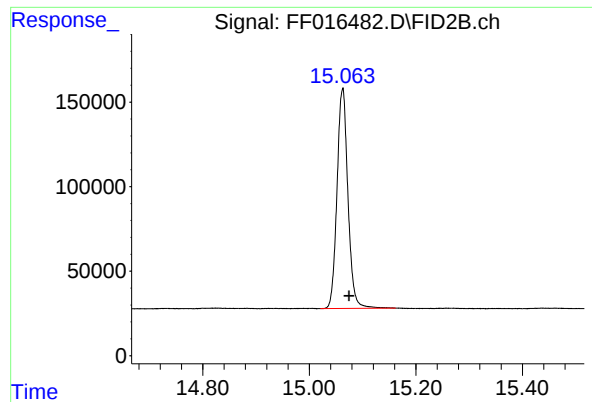
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016482.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 09:28
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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.: 15.063 min
Delta R.T.: -0.012 min
Response: 1850506
Conc: 14.29 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016482.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 09:28
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.063	15.020	15.162	BB	129758	1850506	100.00%	100.000%
Sum of corrected areas:						1850506		

FF090525.M Fri Oct 03 05:24:03 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	10/01/25	
Project:	Yard Soil Cleanup		Date Received:	10/01/25	
Client Sample ID:	PIBLK-FF016490.D		SDG No.:	Q3157	
Lab Sample ID:	I.BLK-FF016490.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016490.D	1		10/01/25	FF100125

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	13.3		29 - 130	67%	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\FF100125\
Data File : FF016490.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:25
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:56:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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...	15.068	1726111	13.330 ug/ml

Target Compounds

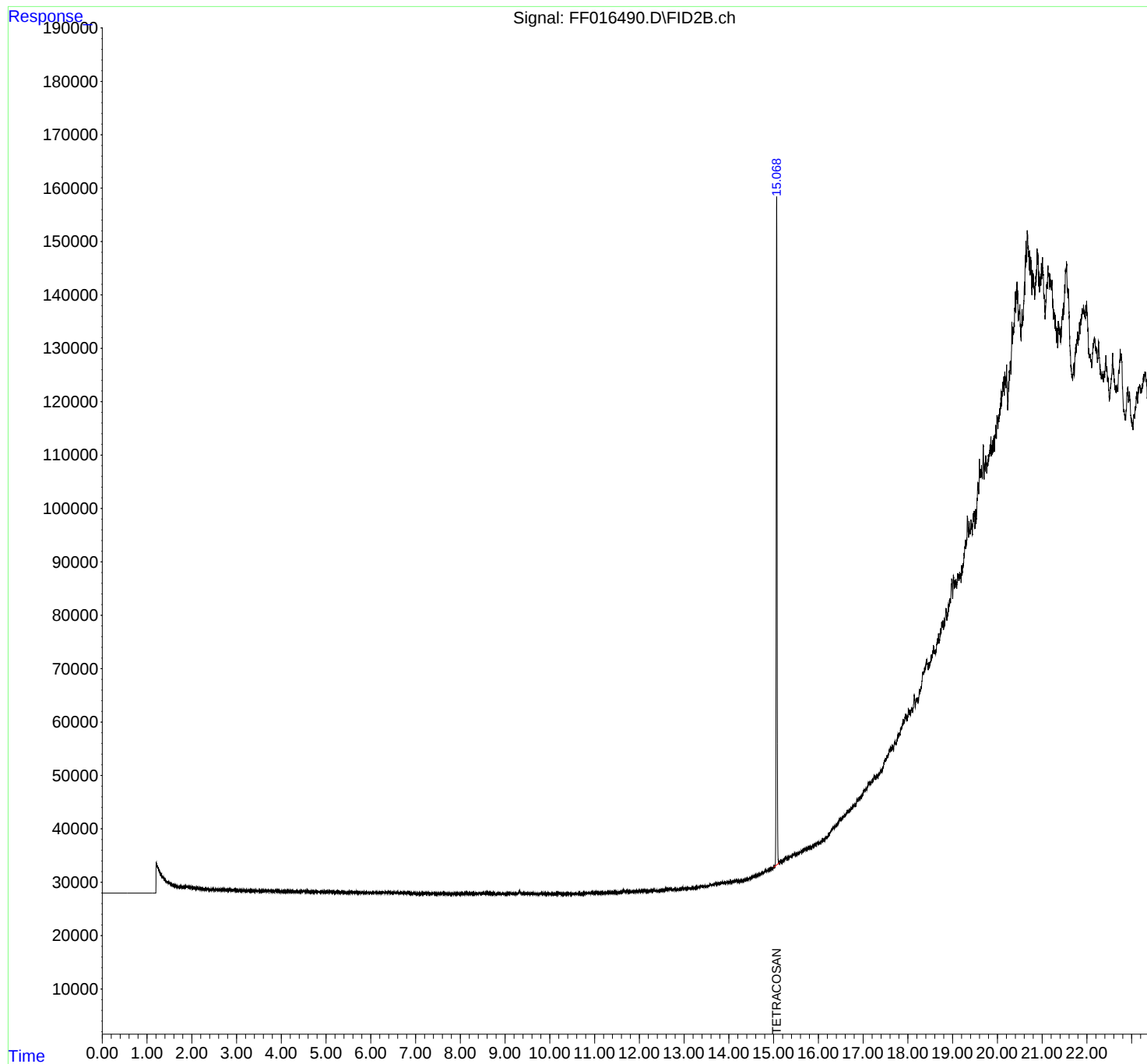
(f)=RT Delta > 1/2 Window

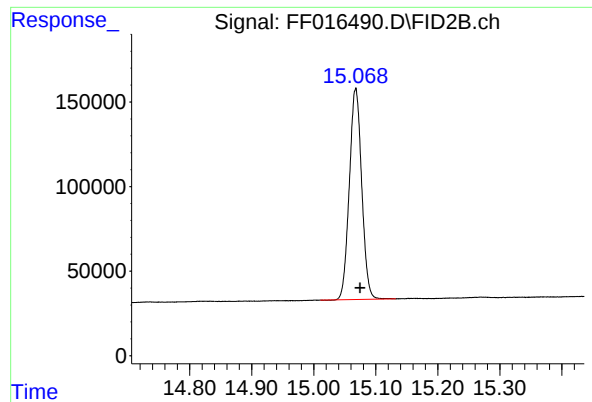
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016490.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:25
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:56:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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.: 15.068 min
Delta R.T.: -0.007 min
Response: 1726111
Conc: 13.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016490.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:25
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.068	15.010	15.132	BB	124397	1726111	100.00%	100.000%
Sum of corrected areas:						1726111		

FF090525.M Fri Oct 03 05:26:28 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	
Project:	Yard Soil Cleanup		Date Received:	
Client Sample ID:	PB169930BS		SDG No.:	Q3157
Lab Sample ID:	PB169930BS		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	100
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
FF016486.D	1	10/01/25 08:00	10/01/25 12:27	PB169930

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4830		169	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	13.3		37 - 130	67%	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\FF100125\
 Data File : FF016486.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 12:27
 Operator : YP\AJ
 Sample : PB169930BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 04:55:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.063	1727645	13.342 ug/ml
Target Compounds				
2)	N-DECANE	4.581	2001070	15.028 ug/ml
3)	N-DODECANE	6.759	2050911	15.086 ug/ml
4)	N-TETRADECANE	8.592	2081891	14.932 ug/ml
5)	N-HEXADECANE	10.201	2093234	14.735 ug/ml
6)	N-OCTADECANE	11.647	2135016	14.523 ug/ml
7)	N-EICOSANE	12.959	2166279	14.521 ug/ml
8)	N-DOCOSANE	14.160	2074861	14.270 ug/ml
10)	N-TETRACOSANE	15.267	2047420	14.128 ug/ml
11)	N-HEXACOSANE	16.290	1969323	13.783 ug/ml
12)	N-OCTACOSANE	17.243	1951138	14.026 ug/ml

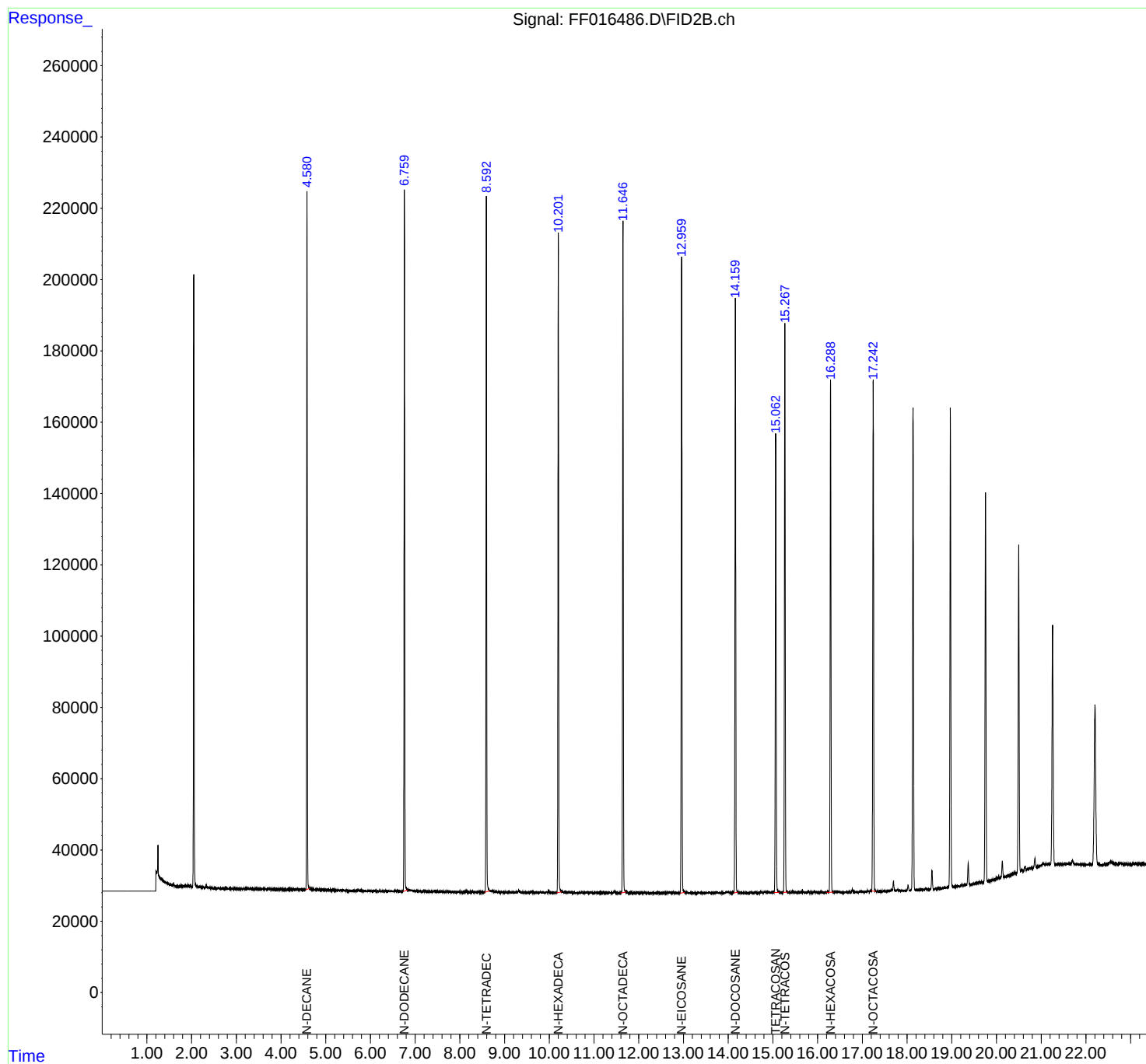
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016486.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 12:27
Operator : YP\AJ
Sample : PB169930BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:55:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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\FF100125\
Data File : FF016486.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 12:27
Sample : PB169930BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.581	4.551	4.637	BB	195799	2001070	92.37%	8.974%
2	6.759	6.729	6.832	BB	196963	2050911	94.67%	9.197%
3	8.592	8.556	8.669	BB	194929	2081891	96.10%	9.336%
4	10.201	10.166	10.279	BB	184492	2093234	96.63%	9.387%
5	11.647	11.599	11.716	BB	187624	2135016	98.56%	9.575%
6	12.959	12.922	13.029	BB	178215	2166279	100.00%	9.715%
7	14.160	14.124	14.221	BB	166063	2074861	95.78%	9.305%
8	15.063	15.026	15.139	BB	128482	1727645	79.75%	7.748%
9	15.267	15.227	15.326	BB	159360	2047420	94.51%	9.182%
10	16.290	16.202	16.351	BB	143843	1969323	90.91%	8.832%
11	17.243	17.204	17.307	BB	143441	1951138	90.07%	8.750%
Sum of corrected areas:						22298787		

FF090525.M Fri Oct 03 05:26:07 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	09/19/25	
Project:	Yard Soil Cleanup		Date Received:	09/19/25	
Client Sample ID:	20-DEAD-1MS		SDG No.:	Q3157	
Lab Sample ID:	Q3157-01MS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	90.9	Decanted:
Sample Wt/Vol:	30.09	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
FF016488.D	1	10/01/25 08:00	10/01/25 13:26	PB169930

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	8830		185	1830	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	9.24		37 - 130	46%	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\FF100125\
 Data File : FF016488.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 13:26
 Operator : YP\AJ
 Sample : Q3157-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 04:56:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.066	1196757	9.242 ug/ml
Target Compounds			
2) N-DECANE	4.583	2022229	15.187 ug/ml
3) N-DODECANE	6.761	2061142	15.161 ug/ml
4) N-TETRADECANE	8.594	2011786	14.429 ug/ml
5) N-HEXADECANE	10.204	2038207	14.347 ug/ml
6) N-OCTADECANE	11.649	2077332	14.131 ug/ml
7) N-EICOSANE	12.962	2152277	14.428 ug/ml
8) N-DOCOSANE	14.164	2132930	14.669 ug/ml
10) N-TETRACOSANE	15.271	2041135	14.085 ug/ml
11) N-HEXACOSANE	16.296	1990934	13.934 ug/ml
12) N-OCTACOSANE	17.248	2027158	14.573 ug/ml

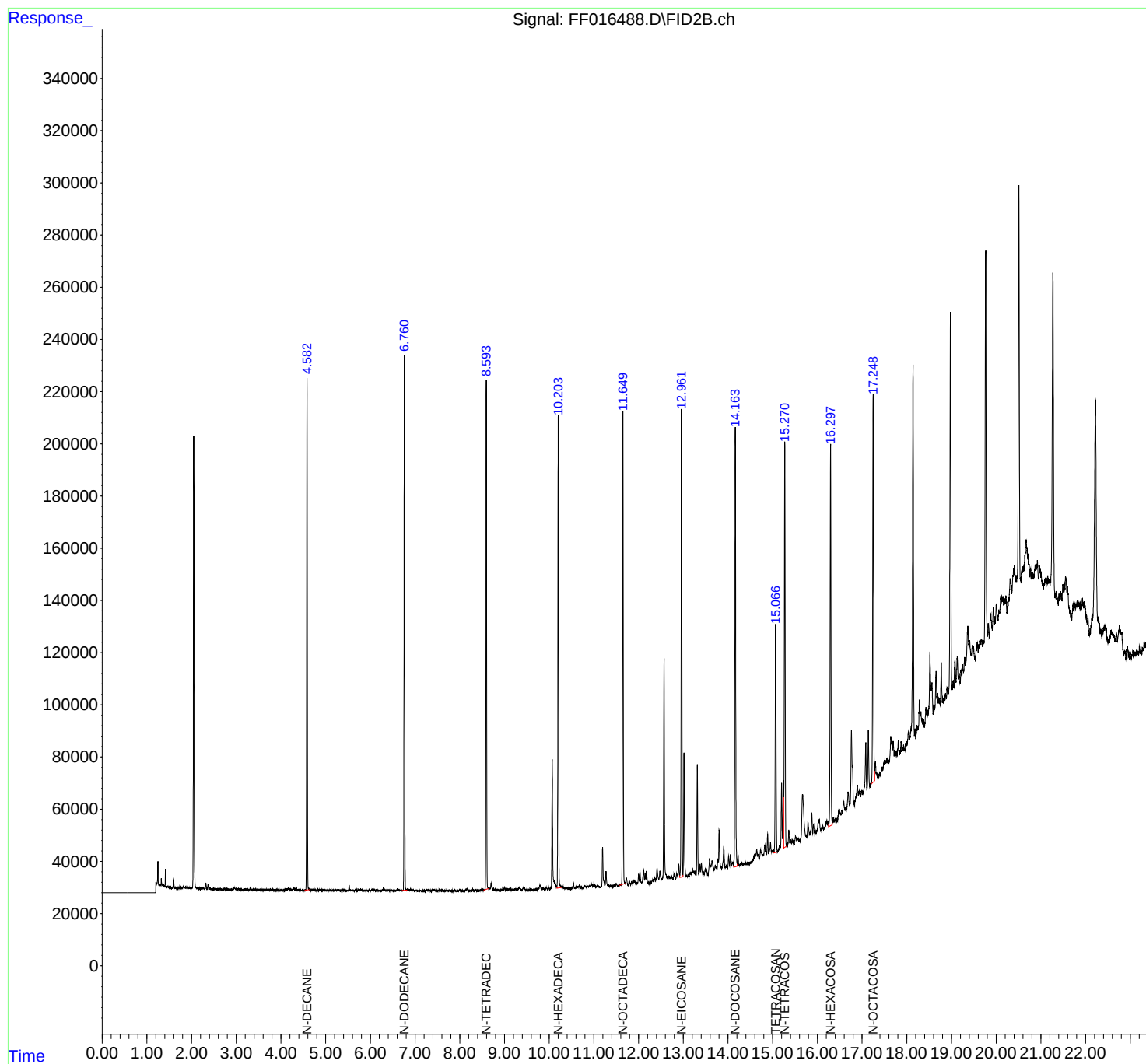
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016488.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 13:26
Operator : YP\AJ
Sample : Q3157-01MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:56:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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\FF100125\
 Data File : FF016488.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 13:26
 Sample : Q3157-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.440	4.435	4.466	VV	154	2285	0.10%	0.006%
2	4.483	4.466	4.497	VV	229	2599	0.11%	0.007%
3	4.500	4.497	4.505	VV	150	585	0.02%	0.002%
4	4.508	4.505	4.512	VV	119	451	0.02%	0.001%
5	4.524	4.512	4.527	VV	205	1390	0.06%	0.004%
6	4.531	4.527	4.537	VV	250	1070	0.04%	0.003%
7	4.542	4.537	4.551	VV	231	1544	0.06%	0.004%
8	4.583	4.551	4.637	VV	196309	2035869	85.33%	5.742%
9	4.641	4.637	4.645	VV	480	2079	0.09%	0.006%
10	4.650	4.645	4.683	VV	456	7383	0.31%	0.021%
11	4.709	4.683	4.720	VV	416	7266	0.30%	0.020%
12	4.739	4.720	4.783	VV	1004	17986	0.75%	0.051%
13	4.810	4.783	4.856	VV	677	14087	0.59%	0.040%
14	4.868	4.856	4.879	VV	341	3768	0.16%	0.011%
15	4.893	4.879	4.916	VV	378	5330	0.22%	0.015%
16	4.922	4.916	4.928	VV	175	1332	0.06%	0.004%
17	4.932	4.928	4.942	VV	256	1909	0.08%	0.005%
18	4.949	4.942	4.960	VV	305	2551	0.11%	0.007%
19	4.969	4.960	4.978	VV	296	2820	0.12%	0.008%
20	4.982	4.978	5.013	VV	274	4172	0.17%	0.012%
21	5.022	5.013	5.034	VV	277	2450	0.10%	0.007%
22	5.047	5.034	5.051	VV	286	2351	0.10%	0.007%
23	5.055	5.051	5.075	VV	299	2856	0.12%	0.008%
24	5.091	5.075	5.131	VV	293	6394	0.27%	0.018%
25	5.135	5.131	5.142	VV	142	763	0.03%	0.002%
26	5.149	5.142	5.160	VV	155	1246	0.05%	0.004%
27	5.168	5.160	5.174	VV	123	894	0.04%	0.003%
28	5.179	5.174	5.193	VV	130	886	0.04%	0.002%
29	5.203	5.193	5.208	PV	181	1115	0.05%	0.003%
30	5.232	5.208	5.275	VV	355	8845	0.37%	0.025%
31	5.289	5.275	5.328	VV	354	7484	0.31%	0.021%

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32	5.344	5.328	5.359	VV	271	3507	0.15%	0.010%
33	5.376	5.359	5.393	VV	335	5204	0.22%	0.015%
34	5.404	5.393	5.415	VV	287	2714	0.11%	0.008%
35	5.426	5.415	5.445	VV	217	2412	0.10%	0.007%
36	5.468	5.445	5.481	VV	190	2582	0.11%	0.007%
37	5.486	5.481	5.498	VV	188	899	0.04%	0.003%
38	5.527	5.498	5.552	VV	2123	25650	1.08%	0.072%
39	5.561	5.552	5.583	VV	283	4269	0.18%	0.012%
40	5.587	5.583	5.601	VV	232	1775	0.07%	0.005%
41	5.605	5.601	5.640	VV	199	1702	0.07%	0.005%
42	5.661	5.640	5.702	VV	278	4450	0.19%	0.013%
43	5.726	5.702	5.751	PV	793	10102	0.42%	0.028%
44	5.784	5.751	5.803	VV	506	9929	0.42%	0.028%
45	5.821	5.803	5.868	VV	567	11595	0.49%	0.033%
46	5.881	5.868	5.885	VV	171	1160	0.05%	0.003%
47	5.889	5.885	5.893	VV	187	644	0.03%	0.002%
48	5.912	5.893	5.938	VV	267	4108	0.17%	0.012%
49	5.974	5.938	6.000	VV	384	7834	0.33%	0.022%
50	6.003	6.000	6.010	VV	256	1332	0.06%	0.004%
51	6.014	6.010	6.025	VV	320	2179	0.09%	0.006%
52	6.039	6.025	6.066	VV	809	11214	0.47%	0.032%
53	6.070	6.066	6.076	VV	278	1451	0.06%	0.004%
54	6.088	6.076	6.135	VV	749	10634	0.45%	0.030%
55	6.136	6.135	6.143	VV	157	488	0.02%	0.001%
56	6.146	6.143	6.151	VV	153	570	0.02%	0.002%
57	6.167	6.151	6.185	VV	184	2599	0.11%	0.007%
58	6.203	6.185	6.222	VV	261	3166	0.13%	0.009%
59	6.237	6.222	6.246	PV	187	1751	0.07%	0.005%
60	6.263	6.246	6.278	VV	261	3591	0.15%	0.010%
61	6.300	6.278	6.357	VV	1258	27071	1.13%	0.076%
62	6.362	6.357	6.369	VV	411	2176	0.09%	0.006%
63	6.383	6.369	6.392	VV	346	3688	0.15%	0.010%
64	6.404	6.392	6.432	VV	330	5457	0.23%	0.015%
65	6.442	6.432	6.448	VV	232	1771	0.07%	0.005%
66	6.450	6.448	6.455	VV	228	863	0.04%	0.002%
67	6.476	6.455	6.511	VV	543	9557	0.40%	0.027%
68	6.519	6.511	6.536	VV	253	2715	0.11%	0.008%
69	6.550	6.536	6.569	VV	249	2946	0.12%	0.008%
70	6.599	6.569	6.633	VV	759	11922	0.50%	0.034%
71	6.645	6.633	6.659	VV	369	4007	0.17%	0.011%
72	6.668	6.659	6.692	VV	320	4979	0.21%	0.014%
73	6.696	6.692	6.701	VV	278	1217	0.05%	0.003%
74	6.706	6.701	6.730	VV	295	3646	0.15%	0.010%
75	6.761	6.730	6.822	VV	205449	2079715	87.17%	5.866%
76	6.839	6.822	6.880	VV	943	18265	0.77%	0.052%
77	6.892	6.880	6.938	VV	640	12908	0.54%	0.036%
78	6.953	6.938	6.979	VV	288	5179	0.22%	0.015%
79	6.990	6.979	7.009	VV	159	2030	0.09%	0.006%

80	7.036	7.009	7.070	VV	rteres 236	4254	0.18%	0.012%
81	7.093	7.070	7.104	VV	251	3121	0.13%	0.009%
82	7.108	7.104	7.146	VV	131	2315	0.10%	0.007%
83	7.150	7.146	7.160	VV	123	685	0.03%	0.002%
84	7.168	7.160	7.187	VV	189	1528	0.06%	0.004%
85	7.199	7.187	7.232	VV	123	2254	0.09%	0.006%
86	7.249	7.232	7.281	VV	699	12565	0.53%	0.035%
87	7.298	7.281	7.320	VV	400	7291	0.31%	0.021%
88	7.329	7.320	7.370	VV	325	6128	0.26%	0.017%
89	7.397	7.370	7.412	VV	483	8033	0.34%	0.023%
90	7.424	7.412	7.470	VV	693	12229	0.51%	0.034%
91	7.483	7.470	7.509	VV	340	4100	0.17%	0.012%
92	7.532	7.509	7.561	VV	486	6796	0.28%	0.019%
93	7.583	7.561	7.599	VV	438	6160	0.26%	0.017%
94	7.606	7.599	7.629	VV	222	3047	0.13%	0.009%
95	7.633	7.629	7.642	VV	140	812	0.03%	0.002%
96	7.658	7.642	7.679	VV	205	2833	0.12%	0.008%
97	7.711	7.679	7.737	VV	768	10724	0.45%	0.030%
98	7.743	7.737	7.752	VV	208	1388	0.06%	0.004%
99	7.767	7.752	7.775	VV	238	2455	0.10%	0.007%
100	7.778	7.775	7.783	VV	206	837	0.04%	0.002%
101	7.786	7.783	7.799	VV	173	1226	0.05%	0.003%
102	7.806	7.799	7.813	VV	121	702	0.03%	0.002%
103	7.819	7.813	7.829	VV	102	869	0.04%	0.002%
104	7.839	7.829	7.852	VV	191	1630	0.07%	0.005%
105	7.857	7.852	7.866	VV	139	799	0.03%	0.002%
106	7.869	7.866	7.872	VV	113	301	0.01%	0.001%
107	7.890	7.872	7.914	VV	310	4194	0.18%	0.012%
108	7.928	7.914	7.938	VV	83	1051	0.04%	0.003%
109	7.944	7.938	7.954	VV	85	590	0.02%	0.002%
110	7.961	7.954	7.970	VV	92	594	0.02%	0.002%
111	7.996	7.970	8.041	VV	659	9891	0.41%	0.028%
112	8.052	8.041	8.077	VV	148	1940	0.08%	0.005%
113	8.083	8.077	8.090	VV	153	775	0.03%	0.002%
114	8.098	8.090	8.106	VV	112	730	0.03%	0.002%
115	8.141	8.106	8.154	PV	654	10065	0.42%	0.028%
116	8.167	8.154	8.223	VV	1031	16398	0.69%	0.046%
117	8.240	8.223	8.252	VV	211	2082	0.09%	0.006%
118	8.253	8.252	8.264	VV	127	298	0.01%	0.001%
119	8.286	8.264	8.309	VV	608	8730	0.37%	0.025%
120	8.315	8.309	8.334	VV	252	2815	0.12%	0.008%
121	8.351	8.334	8.377	VV	317	6315	0.26%	0.018%
122	8.382	8.377	8.387	VV	153	809	0.03%	0.002%
123	8.414	8.387	8.433	VV	388	6144	0.26%	0.017%
124	8.438	8.433	8.448	VV	142	1024	0.04%	0.003%
125	8.488	8.448	8.502	VV	583	11340	0.48%	0.032%
126	8.513	8.502	8.530	VV	633	7259	0.30%	0.020%

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127	8.543	8.530	8.554	VV	370	4364	0.18%	0.012%
128	8.594	8.554	8.646	VV	195716	2047624	85.83%	5.775%
129	8.654	8.646	8.662	VV	948	8629	0.36%	0.024%
130	8.667	8.662	8.680	VV	879	9171	0.38%	0.026%
131	8.700	8.680	8.749	VV	2916	55765	2.34%	0.157%
132	8.752	8.749	8.815	VV	673	16583	0.70%	0.047%
133	8.830	8.815	8.869	VV	368	8899	0.37%	0.025%
134	8.871	8.869	8.876	VV	195	710	0.03%	0.002%
135	8.881	8.876	8.891	VV	165	1119	0.05%	0.003%
136	8.923	8.891	8.937	VV	371	4891	0.21%	0.014%
137	8.957	8.937	8.979	VV	555	9522	0.40%	0.027%
138	8.998	8.979	9.034	VV	1444	22183	0.93%	0.063%
139	9.050	9.034	9.059	VV	549	6873	0.29%	0.019%
140	9.063	9.059	9.066	VV	548	2202	0.09%	0.006%
141	9.074	9.066	9.083	VV	554	5036	0.21%	0.014%
142	9.089	9.083	9.106	VV	507	6681	0.28%	0.019%
143	9.117	9.106	9.121	VV	547	4474	0.19%	0.013%
144	9.134	9.121	9.172	VV	644	12444	0.52%	0.035%
145	9.194	9.172	9.209	VV	426	6995	0.29%	0.020%
146	9.242	9.209	9.262	VV	666	12685	0.53%	0.036%
147	9.277	9.262	9.300	VV	632	9461	0.40%	0.027%
148	9.320	9.300	9.397	VV	1041	31374	1.32%	0.088%
149	9.420	9.397	9.442	VV	1156	17339	0.73%	0.049%
150	9.452	9.442	9.484	VV	560	7779	0.33%	0.022%
151	9.511	9.484	9.537	VV	204	2854	0.12%	0.008%
152	9.543	9.537	9.550	PV	45	185	0.01%	0.001%
153	9.567	9.550	9.589	VV	448	4674	0.20%	0.013%
154	9.605	9.589	9.632	VV	439	6318	0.26%	0.018%
155	9.655	9.632	9.674	VV	328	3869	0.16%	0.011%
156	9.678	9.674	9.685	VV	106	552	0.02%	0.002%
157	9.704	9.685	9.734	VV	370	5353	0.22%	0.015%
158	9.750	9.734	9.769	PV	1266	15091	0.63%	0.043%
159	9.793	9.769	9.828	VV	1862	35833	1.50%	0.101%
160	9.841	9.828	9.850	VV	461	4959	0.21%	0.014%
161	9.865	9.850	9.888	VV	605	9780	0.41%	0.028%
162	9.892	9.888	9.897	VV	280	1376	0.06%	0.004%
163	9.911	9.897	9.917	VV	315	3200	0.13%	0.009%
164	9.936	9.917	9.959	VV	970	13831	0.58%	0.039%
165	9.982	9.959	10.016	VV	952	15673	0.66%	0.044%
166	10.068	10.016	10.174	VV	49812	677425	28.39%	1.911%
167	10.204	10.174	10.291	VV	181540	2074710	86.96%	5.851%
168	10.304	10.291	10.354	VV	957	20655	0.87%	0.058%
169	10.375	10.354	10.400	VV	432	8344	0.35%	0.024%
170	10.410	10.400	10.464	VV	225	4796	0.20%	0.014%
171	10.479	10.464	10.490	VV	108	966	0.04%	0.003%
172	10.511	10.490	10.519	PV	216	1979	0.08%	0.006%
173	10.542	10.519	10.572	VV	2167	27359	1.15%	0.077%
174	10.593	10.572	10.614	VV	583	7581	0.32%	0.021%

175	10.647	10.614	10.657	VV	730	12377	0.52%	0.035%
176	10.673	10.657	10.701	VV	921	14993	0.63%	0.042%
177	10.715	10.701	10.757	VV	528	7916	0.33%	0.022%
178	10.761	10.757	10.770	VV	109	764	0.03%	0.002%
179	10.791	10.770	10.826	VV	931	17517	0.73%	0.049%
180	10.850	10.826	10.882	VV	907	19695	0.83%	0.056%
181	10.898	10.882	10.915	VV	897	13409	0.56%	0.038%
182	10.943	10.915	10.977	VV	1489	33622	1.41%	0.095%
183	11.000	10.977	11.040	VV	1473	36543	1.53%	0.103%
184	11.044	11.040	11.057	VV	514	4121	0.17%	0.012%
185	11.075	11.057	11.080	VV	422	4888	0.20%	0.014%
186	11.093	11.080	11.115	VV	564	8075	0.34%	0.023%
187	11.120	11.115	11.149	VV	243	2990	0.13%	0.008%
188	11.194	11.149	11.248	VV	15335	219167	9.19%	0.618%
189	11.271	11.248	11.314	VV	5998	93033	3.90%	0.262%
190	11.320	11.314	11.355	VV	768	12276	0.51%	0.035%
191	11.377	11.355	11.405	VV	361	8248	0.35%	0.023%
192	11.410	11.405	11.432	VV	185	1825	0.08%	0.005%
193	11.452	11.432	11.471	PV	714	8545	0.36%	0.024%
194	11.496	11.471	11.534	VV	898	18207	0.76%	0.051%
195	11.538	11.534	11.540	VV	147	522	0.02%	0.001%
196	11.584	11.540	11.589	VV	514	8919	0.37%	0.025%
197	11.649	11.589	11.702	VV	181696	2120270	88.87%	5.980%
198	11.728	11.702	11.764	VV	2471	52651	2.21%	0.148%
199	11.769	11.764	11.772	VV	298	1393	0.06%	0.004%
200	11.800	11.772	11.822	VV	983	17907	0.75%	0.051%
201	11.846	11.822	11.871	VV	1252	20967	0.88%	0.059%
202	11.893	11.871	11.900	VV	1417	16321	0.68%	0.046%
203	11.907	11.900	11.947	VV	1303	25003	1.05%	0.071%
204	11.959	11.947	11.974	VV	630	7899	0.33%	0.022%
205	12.000	11.974	12.015	VV	3958	49449	2.07%	0.139%
206	12.031	12.015	12.072	VV	4752	71153	2.98%	0.201%
207	12.114	12.072	12.132	VV	5351	97837	4.10%	0.276%
208	12.148	12.132	12.162	VV	4037	50077	2.10%	0.141%
209	12.178	12.162	12.232	VV	4837	67081	2.81%	0.189%
210	12.255	12.232	12.279	PV	503	8782	0.37%	0.025%
211	12.318	12.279	12.347	VV	1157	28609	1.20%	0.081%
212	12.365	12.347	12.386	VV	1638	26698	1.12%	0.075%
213	12.414	12.386	12.454	VV	5276	109174	4.58%	0.308%
214	12.476	12.454	12.520	VV	4100	79728	3.34%	0.225%
215	12.535	12.520	12.540	VV	1382	13240	0.55%	0.037%
216	12.570	12.540	12.638	VV	85236	1060800	44.46%	2.992%
217	12.647	12.638	12.665	VV	1367	18761	0.79%	0.053%
218	12.677	12.665	12.695	VV	1552	23461	0.98%	0.066%
219	12.702	12.695	12.715	VV	1146	12505	0.52%	0.035%
220	12.723	12.715	12.735	VV	1176	13106	0.55%	0.037%
221	12.744	12.735	12.766	VV	1278	17237	0.72%	0.049%

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222	12.792	12.766	12.803	VV	2130	27546	1.15%	0.078%
223	12.807	12.803	12.830	VV	1473	14686	0.62%	0.041%
224	12.852	12.830	12.867	VV	2238	31153	1.31%	0.088%
225	12.872	12.867	12.879	VV	1579	10479	0.44%	0.030%
226	12.900	12.879	12.920	VV	5574	78748	3.30%	0.222%
227	12.962	12.920	12.992	VV	179619	2176505	91.23%	6.139%
228	13.016	12.992	13.067	VV	48268	608821	25.52%	1.717%
229	13.077	13.067	13.095	VV	898	11405	0.48%	0.032%
230	13.113	13.095	13.129	VV	1005	13763	0.58%	0.039%
231	13.153	13.129	13.169	VV	1829	30190	1.27%	0.085%
232	13.177	13.169	13.188	VV	1606	16628	0.70%	0.047%
233	13.204	13.188	13.225	VV	3395	51161	2.14%	0.144%
234	13.229	13.225	13.249	VV	1887	23508	0.99%	0.066%
235	13.256	13.249	13.285	VV	1685	23574	0.99%	0.066%
236	13.315	13.285	13.345	VV	42846	509219	21.34%	1.436%
237	13.373	13.345	13.389	VV	4406	63849	2.68%	0.180%
238	13.405	13.389	13.442	VV	4813	76146	3.19%	0.215%
239	13.456	13.442	13.469	VV	870	11354	0.48%	0.032%
240	13.491	13.469	13.505	VV	2330	33916	1.42%	0.096%
241	13.520	13.505	13.551	VV	2088	30952	1.30%	0.087%
242	13.589	13.551	13.618	PV	6070	120337	5.04%	0.339%
243	13.644	13.618	13.694	VV	4823	135766	5.69%	0.383%
244	13.715	13.694	13.730	VV	2949	45160	1.89%	0.127%
245	13.739	13.730	13.755	VV	2285	27280	1.14%	0.077%
246	13.778	13.755	13.785	VV	4664	61781	2.59%	0.174%
247	13.801	13.785	13.857	VV	16125	253700	10.63%	0.716%
248	13.906	13.857	13.940	VV	9390	187488	7.86%	0.529%
249	13.974	13.940	13.990	VV	1629	37900	1.59%	0.107%
250	14.015	13.990	14.036	VV	5290	77891	3.26%	0.220%
251	14.054	14.036	14.073	VV	5651	72452	3.04%	0.204%
252	14.093	14.073	14.104	VV	2262	35448	1.49%	0.100%
253	14.112	14.104	14.130	VV	2322	30223	1.27%	0.085%
254	14.164	14.130	14.206	VV	168576	2155385	90.34%	6.079%
255	14.225	14.206	14.267	VV	4836	76093	3.19%	0.215%
256	14.305	14.267	14.335	VV	1503	40059	1.68%	0.113%
257	14.342	14.335	14.347	VV	847	5139	0.22%	0.014%
258	14.363	14.347	14.375	VV	963	13874	0.58%	0.039%
259	14.379	14.375	14.382	VV	888	3071	0.13%	0.009%
260	14.386	14.382	14.389	VV	928	4073	0.17%	0.011%
261	14.392	14.389	14.401	VV	869	5754	0.24%	0.016%
262	14.404	14.401	14.420	VV	905	7478	0.31%	0.021%
263	14.437	14.420	14.453	VV	926	11738	0.49%	0.033%
264	14.470	14.453	14.480	PV	608	5906	0.25%	0.017%
265	14.499	14.480	14.509	VV	641	6767	0.28%	0.019%
266	14.528	14.509	14.537	VV	810	9269	0.39%	0.026%
267	14.606	14.537	14.627	VV	2990	97817	4.10%	0.276%
268	14.643	14.627	14.663	VV	4726	70024	2.94%	0.197%
269	14.673	14.663	14.695	VV	2204	29413	1.23%	0.083%

270	14.728	14.695	14.775	VV	rteres 3715	96711	4.05%	0.273%
271	14.789	14.775	14.800	VV	1518	19493	0.82%	0.055%
272	14.824	14.800	14.840	VV	4690	76117	3.19%	0.215%
273	14.845	14.840	14.865	VV	2442	27496	1.15%	0.078%
274	14.887	14.865	14.911	VV	8570	113659	4.76%	0.321%
275	14.951	14.911	14.975	VV	4776	92025	3.86%	0.260%
276	14.983	14.975	14.995	VV	1266	13420	0.56%	0.038%
277	15.008	14.995	15.026	VV	1781	25882	1.08%	0.073%
278	15.066	15.026	15.114	VV	87646	1204848	50.50%	3.398%
279	15.154	15.114	15.165	PV	2104	33090	1.39%	0.093%
280	15.199	15.165	15.219	VV	25809	337834	14.16%	0.953%
281	15.239	15.219	15.248	VV	26537	289584	12.14%	0.817%
282	15.271	15.248	15.324	VV	156002	2070138	86.77%	5.839%
283	15.361	15.324	15.383	VV	6520	103868	4.35%	0.293%
284	15.400	15.383	15.417	VV	2543	38844	1.63%	0.110%
285	15.434	15.417	15.440	VV	1750	20018	0.84%	0.056%
286	15.451	15.440	15.476	VV	1703	23776	1.00%	0.067%
287	15.510	15.476	15.516	PV	2875	33735	1.41%	0.095%
288	15.518	15.516	15.548	VV	2599	34368	1.44%	0.097%
289	15.561	15.548	15.601	VV	1751	35210	1.48%	0.099%
290	15.609	15.601	15.615	VV	782	3683	0.15%	0.010%
291	15.667	15.615	15.741	VV	17615	549793	23.04%	1.551%
292	15.748	15.741	15.760	VV	1229	10327	0.43%	0.029%
293	15.791	15.760	15.823	VV	5776	107480	4.51%	0.303%
294	15.837	15.823	15.845	VV	1530	15335	0.64%	0.043%
295	15.875	15.845	15.897	VV	8614	126813	5.32%	0.358%
296	15.914	15.897	15.945	VV	3952	57874	2.43%	0.163%
297	15.960	15.945	15.975	PV	1037	10671	0.45%	0.030%
298	16.040	15.975	16.071	VV	4653	136276	5.71%	0.384%
299	16.115	16.071	16.135	VV	1736	24721	1.04%	0.070%
300	16.160	16.135	16.167	VV	559	5803	0.24%	0.016%
301	16.204	16.167	16.221	VV	2519	48517	2.03%	0.137%
302	16.237	16.221	16.257	VV	1962	32249	1.35%	0.091%
303	16.296	16.257	16.334	VV	146031	1985860	83.24%	5.601%
304	16.358	16.334	16.373	VV	2110	33566	1.41%	0.095%
305	16.405	16.373	16.422	VV	1623	28535	1.20%	0.080%
306	16.440	16.422	16.448	PV	896	8515	0.36%	0.024%
307	16.492	16.448	16.528	VV	4131	121094	5.08%	0.342%
308	16.549	16.528	16.558	VV	3213	43485	1.82%	0.123%
309	16.585	16.558	16.617	VV	6278	151201	6.34%	0.426%
310	16.622	16.617	16.626	VV	2958	15824	0.66%	0.045%
311	16.631	16.626	16.639	VV	2731	20039	0.84%	0.057%
312	16.644	16.639	16.651	VV	2847	18988	0.80%	0.054%
313	16.693	16.651	16.718	VV	8602	216051	9.06%	0.609%
314	16.724	16.718	16.733	VV	3763	32969	1.38%	0.093%
315	16.762	16.733	16.834	VV	31631	749164	31.40%	2.113%
316	16.894	16.834	16.917	VV	8855	275476	11.55%	0.777%

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317	16.934	16.917	16.964	VV	6225	146691	6.15%	0.414%
318	16.993	16.964	17.004	VV	5813	116106	4.87%	0.327%
319	17.014	17.004	17.029	VV	5347	67617	2.83%	0.191%
320	17.084	17.029	17.115	VV	22991	519362	21.77%	1.465%
321	17.141	17.115	17.180	VV	27223	483127	20.25%	1.363%
322	17.248	17.180	17.282	VV	154831	2385760	100.00%	6.729%
323	17.299	17.282	17.317	VV	13213	238940	10.02%	0.674%
					Sum of corrected areas:	35456355		

FF090525.M Fri Oct 03 05:16:20 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	09/19/25	
Project:	Yard Soil Cleanup		Date Received:	09/19/25	
Client Sample ID:	20-DEAD-1MSD		SDG No.:	Q3157	
Lab Sample ID:	Q3157-01MSD		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	90.9	Decanted:
Sample Wt/Vol:	30.04	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
FF016489.D	1	10/01/25 08:00	10/01/25 13:55	PB169930

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	14600		186	1830	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	15.3		37 - 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\FF100125\
 Data File : FF016489.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 13:55
 Operator : YP\AJ
 Sample : Q3157-01MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 04:56:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.068	1981563	15.303 ug/ml
Target Compounds				
2)	N-DECANE	4.589	3200960	24.039 ug/ml
3)	N-DODECANE	6.764	3278920	24.119 ug/ml
4)	N-TETRADECANE	8.596	3295264	23.635 ug/ml
5)	N-HEXADECANE	10.205	3293668	23.185 ug/ml
6)	N-OCTADECANE	11.651	3418922	23.256 ug/ml
7)	N-EICOSANE	12.965	3523517	23.620 ug/ml
8)	N-DOCOSANE	14.166	3509003	24.133 ug/ml
10)	N-TETRACOSANE	15.274	3410727	23.536 ug/ml
11)	N-HEXACOSANE	16.299	3314879	23.200 ug/ml
12)	N-OCTACOSANE	17.253	3388979	24.363 ug/ml

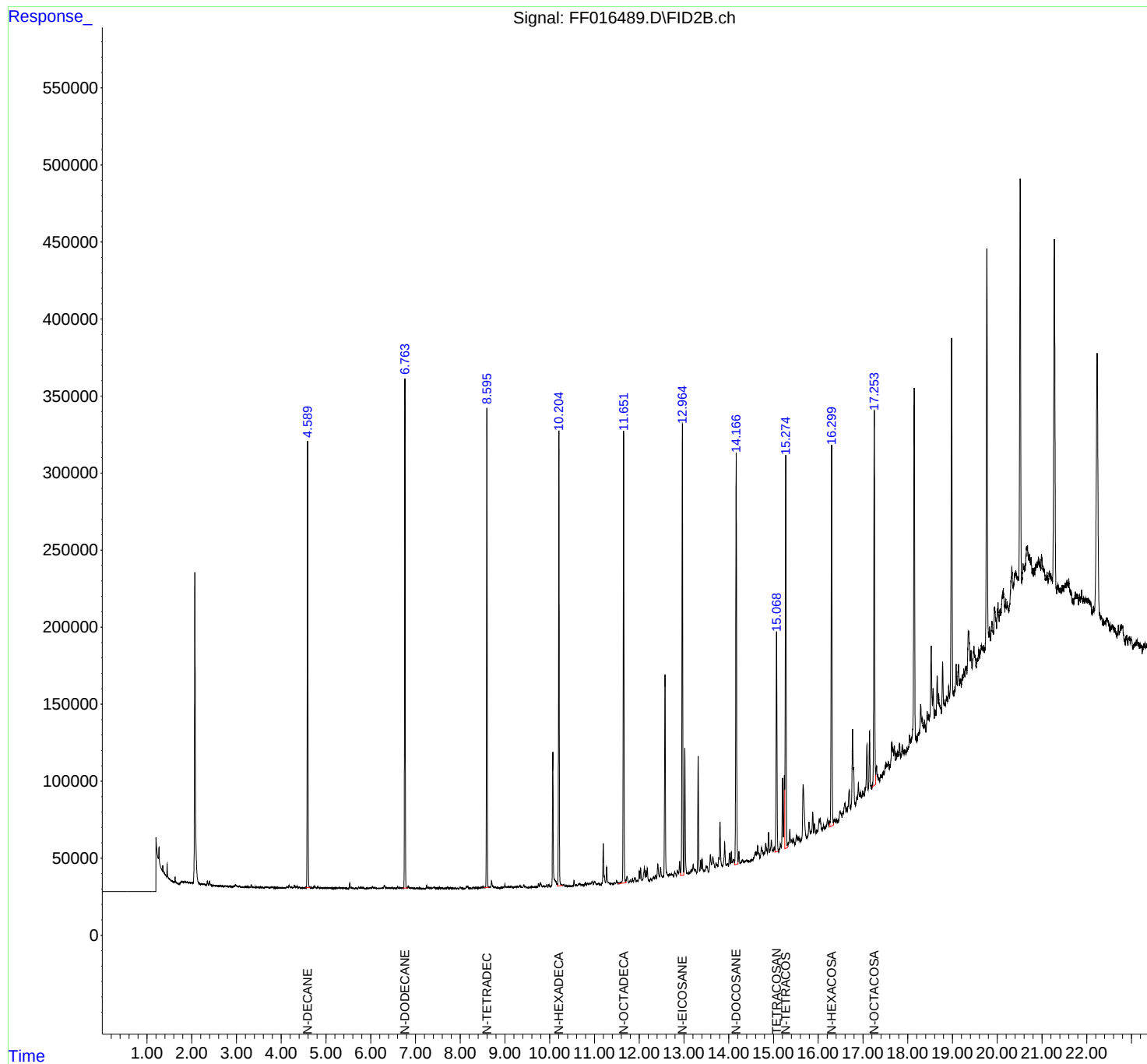
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
Data File : FF016489.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 13:55
Operator : YP\AJ
Sample : Q3157-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 03 04:56:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 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\FF100125\
 Data File : FF016489.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 13:55
 Sample : Q3157-01MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.403	4.382	4.420	VV	577	9260	0.24%	0.016%
2	4.423	4.420	4.439	VV	318	2388	0.06%	0.004%
3	4.450	4.439	4.460	VV	261	2439	0.06%	0.004%
4	4.463	4.460	4.475	VV	240	1656	0.04%	0.003%
5	4.482	4.475	4.487	VV	202	1295	0.03%	0.002%
6	4.506	4.487	4.521	VV	270	4135	0.11%	0.007%
7	4.542	4.521	4.558	VV	380	6380	0.17%	0.011%
8	4.589	4.558	4.652	VV	290052	3222564	84.77%	5.510%
9	4.665	4.652	4.692	VV	548	10119	0.27%	0.017%
10	4.717	4.692	4.729	VV	591	9599	0.25%	0.016%
11	4.748	4.729	4.797	VV	1529	27570	0.73%	0.047%
12	4.819	4.797	4.858	VV	1009	19366	0.51%	0.033%
13	4.873	4.858	4.888	VV	434	5559	0.15%	0.010%
14	4.901	4.888	4.923	VV	456	5391	0.14%	0.009%
15	4.934	4.923	4.938	VV	251	1798	0.05%	0.003%
16	4.952	4.938	4.965	VV	378	4685	0.12%	0.008%
17	4.974	4.965	4.985	VV	388	4142	0.11%	0.007%
18	4.989	4.985	4.993	VV	341	1464	0.04%	0.003%
19	4.996	4.993	5.019	VV	320	4176	0.11%	0.007%
20	5.053	5.019	5.077	VV	409	10847	0.29%	0.019%
21	5.095	5.077	5.132	VV	371	8301	0.22%	0.014%
22	5.146	5.132	5.159	VV	226	2877	0.08%	0.005%
23	5.163	5.159	5.190	VV	255	2488	0.07%	0.004%
24	5.245	5.190	5.278	VV	474	12708	0.33%	0.022%
25	5.295	5.278	5.333	VV	692	12777	0.34%	0.022%
26	5.347	5.333	5.364	VV	352	4471	0.12%	0.008%
27	5.379	5.364	5.393	VV	498	5717	0.15%	0.010%
28	5.406	5.393	5.421	VV	399	4861	0.13%	0.008%
29	5.432	5.421	5.458	VV	247	2902	0.08%	0.005%
30	5.473	5.458	5.487	VV	307	3181	0.08%	0.005%
31	5.495	5.487	5.510	VV	181	1646	0.04%	0.003%

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32	5.531	5.510	5.559	VV	3765	43732	1.15%	0.075%
33	5.569	5.559	5.587	VV	446	5968	0.16%	0.010%
34	5.601	5.587	5.629	VV	360	5472	0.14%	0.009%
35	5.630	5.629	5.636	VV	110	241	0.01%	0.000%
36	5.663	5.636	5.704	PV	561	9439	0.25%	0.016%
37	5.728	5.704	5.749	VV	1297	16167	0.43%	0.028%
38	5.764	5.749	5.780	VV	862	12065	0.32%	0.021%
39	5.790	5.780	5.808	VV	750	9595	0.25%	0.016%
40	5.822	5.808	5.869	VV	1034	18513	0.49%	0.032%
41	5.873	5.869	5.890	VV	224	1894	0.05%	0.003%
42	5.915	5.890	5.939	VV	420	7171	0.19%	0.012%
43	5.979	5.939	6.009	VV	687	15690	0.41%	0.027%
44	6.042	6.009	6.066	VV	1388	22256	0.59%	0.038%
45	6.070	6.066	6.075	VV	339	1845	0.05%	0.003%
46	6.094	6.075	6.127	VV	1089	15648	0.41%	0.027%
47	6.141	6.127	6.149	VV	230	2539	0.07%	0.004%
48	6.164	6.149	6.185	VV	287	4658	0.12%	0.008%
49	6.203	6.185	6.224	VV	329	4882	0.13%	0.008%
50	6.232	6.224	6.250	VV	267	3303	0.09%	0.006%
51	6.264	6.250	6.277	VV	448	5128	0.13%	0.009%
52	6.304	6.277	6.353	VV	2329	45013	1.18%	0.077%
53	6.356	6.353	6.362	VV	429	2027	0.05%	0.003%
54	6.375	6.362	6.393	VV	547	7946	0.21%	0.014%
55	6.406	6.393	6.432	VV	441	6127	0.16%	0.010%
56	6.448	6.432	6.457	VV	325	3861	0.10%	0.007%
57	6.477	6.457	6.525	VV	806	14081	0.37%	0.024%
58	6.537	6.525	6.547	VV	338	3013	0.08%	0.005%
59	6.553	6.547	6.579	VV	317	3462	0.09%	0.006%
60	6.600	6.579	6.632	VV	1437	19670	0.52%	0.034%
61	6.647	6.632	6.653	VV	511	4628	0.12%	0.008%
62	6.661	6.653	6.695	VV	826	12872	0.34%	0.022%
63	6.709	6.695	6.732	VV	522	6960	0.18%	0.012%
64	6.764	6.732	6.820	VV	331097	3301460	86.85%	5.645%
65	6.838	6.820	6.867	VV	1889	28892	0.76%	0.049%
66	6.871	6.867	6.882	VV	472	3542	0.09%	0.006%
67	6.914	6.882	6.944	VV	727	16951	0.45%	0.029%
68	6.950	6.944	6.985	VV	326	6325	0.17%	0.011%
69	6.988	6.985	7.001	VV	158	1059	0.03%	0.002%
70	7.033	7.001	7.067	VV	355	7121	0.19%	0.012%
71	7.088	7.067	7.118	VV	340	6440	0.17%	0.011%
72	7.124	7.118	7.133	VV	90	714	0.02%	0.001%
73	7.169	7.133	7.187	VV	260	4640	0.12%	0.008%
74	7.205	7.187	7.210	VV	166	1869	0.05%	0.003%
75	7.214	7.210	7.231	VV	243	1891	0.05%	0.003%
76	7.249	7.231	7.286	VV	1873	29833	0.78%	0.051%
77	7.295	7.286	7.319	VV	599	10070	0.26%	0.017%
78	7.328	7.319	7.366	VV	508	10218	0.27%	0.017%
79	7.397	7.366	7.410	VV	878	13203	0.35%	0.023%

80	7.425	7.410	7.450	VV	1245	17110	0.45%	0.029%
81	7.454	7.450	7.469	VV	338	2967	0.08%	0.005%
82	7.488	7.469	7.516	VV	450	7120	0.19%	0.012%
83	7.534	7.516	7.559	VV	818	10528	0.28%	0.018%
84	7.580	7.559	7.599	VV	785	9673	0.25%	0.017%
85	7.607	7.599	7.632	VV	418	5484	0.14%	0.009%
86	7.635	7.632	7.642	VV	209	1007	0.03%	0.002%
87	7.657	7.642	7.680	VV	339	4800	0.13%	0.008%
88	7.712	7.680	7.758	VV	1250	23201	0.61%	0.040%
89	7.771	7.758	7.790	VV	464	6937	0.18%	0.012%
90	7.795	7.790	7.815	VV	281	3140	0.08%	0.005%
91	7.835	7.815	7.866	VV	363	6898	0.18%	0.012%
92	7.891	7.866	7.916	VV	539	8390	0.22%	0.014%
93	7.945	7.916	7.970	VV	240	4584	0.12%	0.008%
94	7.999	7.970	8.023	VV	1114	16697	0.44%	0.029%
95	8.027	8.023	8.043	VV	235	1783	0.05%	0.003%
96	8.062	8.043	8.077	PV	304	4041	0.11%	0.007%
97	8.080	8.077	8.104	VV	273	2331	0.06%	0.004%
98	8.141	8.104	8.153	VV	1170	19460	0.51%	0.033%
99	8.169	8.153	8.228	VV	1667	26823	0.71%	0.046%
100	8.240	8.228	8.263	VV	234	3004	0.08%	0.005%
101	8.288	8.263	8.309	PV	982	12509	0.33%	0.021%
102	8.315	8.309	8.320	VV	358	2097	0.06%	0.004%
103	8.323	8.320	8.327	VV	304	1345	0.04%	0.002%
104	8.351	8.327	8.381	VV	576	14092	0.37%	0.024%
105	8.396	8.381	8.402	VV	431	4173	0.11%	0.007%
106	8.414	8.402	8.437	VV	716	9923	0.26%	0.017%
107	8.441	8.437	8.450	VV	318	1786	0.05%	0.003%
108	8.484	8.450	8.501	VV	1132	20296	0.53%	0.035%
109	8.515	8.501	8.530	VV	1132	14373	0.38%	0.025%
110	8.544	8.530	8.556	VV	674	8709	0.23%	0.015%
111	8.596	8.556	8.646	VV	311633	3325585	87.48%	5.686%
112	8.656	8.646	8.678	VV	828	14790	0.39%	0.025%
113	8.701	8.678	8.750	VV	4811	84617	2.23%	0.145%
114	8.755	8.750	8.778	VV	826	10345	0.27%	0.018%
115	8.792	8.778	8.812	VV	592	9077	0.24%	0.016%
116	8.826	8.812	8.830	VV	449	3793	0.10%	0.006%
117	8.842	8.830	8.883	VV	491	8342	0.22%	0.014%
118	8.922	8.883	8.938	VV	412	7711	0.20%	0.013%
119	8.960	8.938	8.978	VV	930	14072	0.37%	0.024%
120	8.998	8.978	9.026	VV	2406	31822	0.84%	0.054%
121	9.030	9.026	9.034	VV	462	2107	0.06%	0.004%
122	9.050	9.034	9.059	VV	848	10547	0.28%	0.018%
123	9.074	9.059	9.081	VV	931	11250	0.30%	0.019%
124	9.085	9.081	9.103	VV	887	10816	0.28%	0.018%
125	9.114	9.103	9.119	VV	866	7780	0.20%	0.013%
126	9.134	9.119	9.165	VV	1115	19615	0.52%	0.034%

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127	9.172	9.165	9.176	VV	473	3143	0.08%	0.005%
128	9.194	9.176	9.209	VV	633	9652	0.25%	0.017%
129	9.243	9.209	9.260	VV	1077	21004	0.55%	0.036%
130	9.275	9.260	9.297	VV	1057	15969	0.42%	0.027%
131	9.337	9.297	9.384	VV	1530	42852	1.13%	0.073%
132	9.388	9.384	9.395	VV	257	1294	0.03%	0.002%
133	9.422	9.395	9.444	VV	2141	33166	0.87%	0.057%
134	9.451	9.444	9.501	VV	980	15120	0.40%	0.026%
135	9.518	9.501	9.541	VV	334	4234	0.11%	0.007%
136	9.569	9.541	9.585	PV	928	10334	0.27%	0.018%
137	9.603	9.585	9.637	VV	732	12867	0.34%	0.022%
138	9.654	9.637	9.675	VV	669	8619	0.23%	0.015%
139	9.684	9.675	9.688	VV	242	1530	0.04%	0.003%
140	9.705	9.688	9.730	VV	585	9456	0.25%	0.016%
141	9.749	9.730	9.772	VV	2666	34045	0.90%	0.058%
142	9.791	9.772	9.826	VV	3083	58307	1.53%	0.100%
143	9.840	9.826	9.851	VV	783	8560	0.23%	0.015%
144	9.868	9.851	9.897	VV	1122	18708	0.49%	0.032%
145	9.912	9.897	9.920	VV	576	6413	0.17%	0.011%
146	9.936	9.920	9.958	VV	1667	22985	0.60%	0.039%
147	9.983	9.958	10.022	VV	1440	25665	0.68%	0.044%
148	10.069	10.022	10.131	VV	87665	1078680	28.37%	1.844%
149	10.134	10.131	10.175	VV	3547	64544	1.70%	0.110%
150	10.205	10.175	10.269	VV	295879	3323394	87.42%	5.682%
151	10.273	10.269	10.291	VV	1181	13430	0.35%	0.023%
152	10.309	10.291	10.346	VV	1330	24220	0.64%	0.041%
153	10.373	10.346	10.408	VV	542	10866	0.29%	0.019%
154	10.413	10.408	10.420	VV	199	909	0.02%	0.002%
155	10.437	10.420	10.464	VV	328	3168	0.08%	0.005%
156	10.479	10.464	10.489	VV	151	962	0.03%	0.002%
157	10.508	10.489	10.518	PV	345	3830	0.10%	0.007%
158	10.542	10.518	10.573	VV	3654	45206	1.19%	0.077%
159	10.594	10.573	10.611	VV	895	11792	0.31%	0.020%
160	10.647	10.611	10.660	VV	1250	22385	0.59%	0.038%
161	10.676	10.660	10.700	VV	1705	25105	0.66%	0.043%
162	10.717	10.700	10.753	VV	957	13560	0.36%	0.023%
163	10.792	10.753	10.830	VV	1642	35055	0.92%	0.060%
164	10.849	10.830	10.881	VV	1716	34361	0.90%	0.059%
165	10.899	10.881	10.916	VV	1563	25363	0.67%	0.043%
166	10.945	10.916	10.977	VV	2730	62137	1.63%	0.106%
167	10.998	10.977	11.039	VV	2511	61459	1.62%	0.105%
168	11.044	11.039	11.056	VV	811	6860	0.18%	0.012%
169	11.071	11.056	11.083	VV	854	12005	0.32%	0.021%
170	11.095	11.083	11.111	VV	1136	11842	0.31%	0.020%
171	11.121	11.111	11.148	VV	420	5734	0.15%	0.010%
172	11.166	11.148	11.173	PV	1023	9883	0.26%	0.017%
173	11.195	11.173	11.248	VV	26830	374381	9.85%	0.640%
174	11.272	11.248	11.315	VV	11272	165673	4.36%	0.283%

175	11.319	11.315	11.363	VV	rteres 1098	19175	0.50%	0.033%
176	11.383	11.363	11.406	VV	460	9301	0.24%	0.016%
177	11.412	11.406	11.435	VV	311	2561	0.07%	0.004%
178	11.453	11.435	11.470	PV	1110	12633	0.33%	0.022%
179	11.495	11.470	11.532	VV	1627	31899	0.84%	0.055%
180	11.545	11.532	11.549	VV	279	1707	0.04%	0.003%
181	11.592	11.549	11.600	VV	851	16576	0.44%	0.028%
182	11.651	11.600	11.704	VV	293459	3411941	89.75%	5.834%
183	11.727	11.704	11.765	VV	4307	83021	2.18%	0.142%
184	11.802	11.765	11.824	VV	1588	27949	0.74%	0.048%
185	11.850	11.824	11.875	VV	2130	34263	0.90%	0.059%
186	11.908	11.875	11.939	VV	3001	70504	1.85%	0.121%
187	11.952	11.939	11.970	VV	1111	16123	0.42%	0.028%
188	12.001	11.970	12.016	VV	7159	88843	2.34%	0.152%
189	12.032	12.016	12.063	VV	8754	115309	3.03%	0.197%
190	12.115	12.063	12.134	VV	9278	180209	4.74%	0.308%
191	12.150	12.134	12.164	VV	6972	86133	2.27%	0.147%
192	12.180	12.164	12.232	VV	8541	116439	3.06%	0.199%
193	12.256	12.232	12.280	PV	1014	17388	0.46%	0.030%
194	12.320	12.280	12.347	VV	2344	51624	1.36%	0.088%
195	12.364	12.347	12.382	VV	3210	44694	1.18%	0.076%
196	12.417	12.382	12.455	VV	10041	202990	5.34%	0.347%
197	12.477	12.455	12.518	VV	7931	134958	3.55%	0.231%
198	12.536	12.518	12.546	VV	2050	26900	0.71%	0.046%
199	12.577	12.546	12.639	VV	132497	1782588	46.89%	3.048%
200	12.652	12.639	12.661	VV	2102	24584	0.65%	0.042%
201	12.681	12.661	12.694	VV	2585	39246	1.03%	0.067%
202	12.704	12.694	12.714	VV	1889	21068	0.55%	0.036%
203	12.726	12.714	12.736	VV	1872	23436	0.62%	0.040%
204	12.748	12.736	12.772	VV	2010	29121	0.77%	0.050%
205	12.792	12.772	12.832	VV	3541	68704	1.81%	0.117%
206	12.853	12.832	12.881	VV	4056	72713	1.91%	0.124%
207	12.903	12.881	12.923	VV	9735	132292	3.48%	0.226%
208	12.965	12.923	12.995	VV	293312	3540526	93.13%	6.054%
209	13.020	12.995	13.065	VV	82755	1040821	27.38%	1.780%
210	13.078	13.065	13.097	VV	1270	21000	0.55%	0.036%
211	13.118	13.097	13.130	VV	1533	22493	0.59%	0.038%
212	13.157	13.130	13.168	VV	3188	48245	1.27%	0.082%
213	13.181	13.168	13.187	VV	2625	28617	0.75%	0.049%
214	13.206	13.187	13.225	VV	6421	95872	2.52%	0.164%
215	13.230	13.225	13.249	VV	3224	37805	0.99%	0.065%
216	13.260	13.249	13.284	VV	2852	38133	1.00%	0.065%
217	13.318	13.284	13.350	VV	75756	877722	23.09%	1.501%
218	13.375	13.350	13.392	VV	8391	110372	2.90%	0.189%
219	13.408	13.392	13.440	VV	8944	124936	3.29%	0.214%
220	13.458	13.440	13.469	VV	1264	18847	0.50%	0.032%
221	13.494	13.469	13.506	VV	3968	58191	1.53%	0.099%

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222	13.520	13.506	13.546	VV	3521	51204	1.35%	0.088%
223	13.591	13.546	13.617	PV	10819	202856	5.34%	0.347%
224	13.645	13.617	13.697	VV	9115	250861	6.60%	0.429%
225	13.718	13.697	13.735	VV	4696	76953	2.02%	0.132%
226	13.742	13.735	13.758	VV	3174	35845	0.94%	0.061%
227	13.779	13.758	13.788	VV	7840	104601	2.75%	0.179%
228	13.805	13.788	13.856	VV	30620	427650	11.25%	0.731%
229	13.908	13.856	13.943	VV	16793	310671	8.17%	0.531%
230	13.974	13.943	13.992	VV	2551	51467	1.35%	0.088%
231	14.019	13.992	14.040	VV	8785	130607	3.44%	0.223%
232	14.058	14.040	14.081	VV	9373	123646	3.25%	0.211%
233	14.111	14.081	14.130	VV	3932	94074	2.47%	0.161%
234	14.166	14.130	14.209	VV	266629	3531613	92.90%	6.038%
235	14.227	14.209	14.251	VV	8324	107689	2.83%	0.184%
236	14.263	14.251	14.268	VV	889	8724	0.23%	0.015%
237	14.308	14.268	14.341	VV	2206	61282	1.61%	0.105%
238	14.350	14.341	14.356	VV	931	7942	0.21%	0.014%
239	14.377	14.356	14.382	VV	1235	16110	0.42%	0.028%
240	14.396	14.382	14.420	VV	1493	23365	0.61%	0.040%
241	14.436	14.420	14.452	VV	1007	12409	0.33%	0.021%
242	14.456	14.452	14.461	VV	497	1563	0.04%	0.003%
243	14.472	14.461	14.484	PV	559	4435	0.12%	0.008%
244	14.498	14.484	14.508	PV	761	6064	0.16%	0.010%
245	14.529	14.508	14.539	PV	752	8639	0.23%	0.015%
246	14.607	14.539	14.624	VV	4926	153122	4.03%	0.262%
247	14.646	14.624	14.665	VV	8683	136528	3.59%	0.233%
248	14.674	14.665	14.695	VV	3533	42631	1.12%	0.073%
249	14.731	14.695	14.779	VV	6634	163054	4.29%	0.279%
250	14.789	14.779	14.798	VV	2556	23712	0.62%	0.041%
251	14.828	14.798	14.847	VV	8109	147506	3.88%	0.252%
252	14.852	14.847	14.865	VV	3582	32224	0.85%	0.055%
253	14.890	14.865	14.911	VV	14638	197054	5.18%	0.337%
254	14.952	14.911	14.973	VV	9049	161283	4.24%	0.276%
255	14.987	14.973	14.997	VV	1950	24121	0.63%	0.041%
256	15.018	14.997	15.032	VV	3211	47559	1.25%	0.081%
257	15.068	15.032	15.120	VV	142694	1983571	52.18%	3.392%
258	15.153	15.120	15.176	PV	4226	66297	1.74%	0.113%
259	15.202	15.176	15.222	VV	46314	582873	15.33%	0.997%
260	15.244	15.222	15.251	VV	47702	523023	13.76%	0.894%
261	15.274	15.251	15.310	VV	255457	3408220	89.65%	5.827%
262	15.319	15.310	15.327	VV	2287	20021	0.53%	0.034%
263	15.365	15.327	15.391	VV	11532	201299	5.30%	0.344%
264	15.410	15.391	15.426	VV	3888	66209	1.74%	0.113%
265	15.444	15.426	15.484	VV	3638	70110	1.84%	0.120%
266	15.509	15.484	15.540	PV	5298	106463	2.80%	0.182%
267	15.545	15.540	15.550	VV	3180	17787	0.47%	0.030%
268	15.565	15.550	15.583	VV	3832	53515	1.41%	0.092%
269	15.589	15.583	15.605	VV	2207	17821	0.47%	0.030%

270	15.663	15.605	15.738	VV	rteres 36501	947941	24.94%	1.621%
271	15.753	15.738	15.760	VV	1088	11799	0.31%	0.020%
272	15.793	15.760	15.828	VV	10236	190947	5.02%	0.326%
273	15.876	15.828	15.899	VV	15251	271282	7.14%	0.464%
274	15.914	15.899	15.949	VV	7107	115120	3.03%	0.197%
275	15.962	15.949	15.975	VV	2085	20917	0.55%	0.036%
276	15.976	15.975	15.980	VV	1171	3771	0.10%	0.006%
277	16.019	15.980	16.027	VV	7646	114309	3.01%	0.195%
278	16.043	16.027	16.082	VV	8532	171869	4.52%	0.294%
279	16.086	16.082	16.090	VV	857	3522	0.09%	0.006%
280	16.120	16.090	16.143	VV	3672	56478	1.49%	0.097%
281	16.169	16.143	16.174	VV	1826	20125	0.53%	0.034%
282	16.206	16.174	16.225	VV	5637	96257	2.53%	0.165%
283	16.241	16.225	16.261	VV	4498	67510	1.78%	0.115%
284	16.299	16.261	16.340	VV	247571	3315562	87.22%	5.669%
285	16.359	16.340	16.393	VV	3830	74603	1.96%	0.128%
286	16.409	16.393	16.430	VV	2848	40542	1.07%	0.069%
287	16.441	16.430	16.453	VV	1786	15850	0.42%	0.027%
288	16.490	16.453	16.500	PV	6380	123097	3.24%	0.210%
289	16.507	16.500	16.532	VV	5409	73206	1.93%	0.125%
290	16.552	16.532	16.567	VV	4899	81204	2.14%	0.139%
291	16.600	16.567	16.621	VV	9530	230171	6.05%	0.394%
292	16.633	16.621	16.646	VV	5260	67656	1.78%	0.116%
293	16.691	16.646	16.722	VV	16216	391571	10.30%	0.670%
294	16.768	16.722	16.787	VV	53740	920163	24.21%	1.573%
295	16.791	16.787	16.817	VV	28643	300032	7.89%	0.513%
296	16.824	16.817	16.836	VV	5537	49615	1.31%	0.085%
297	16.870	16.836	16.877	VV	8084	149620	3.94%	0.256%
298	16.897	16.877	16.918	VV	16266	268242	7.06%	0.459%
299	16.923	16.918	16.929	VV	8597	50371	1.33%	0.086%
300	16.940	16.929	16.967	VV	9337	173814	4.57%	0.297%
301	16.997	16.967	17.015	VV	8218	197517	5.20%	0.338%
302	17.020	17.015	17.027	VV	6625	45575	1.20%	0.078%
303	17.089	17.027	17.114	VV	37112	793398	20.87%	1.357%
304	17.148	17.114	17.190	VV	44595	800717	21.06%	1.369%
305	17.253	17.190	17.286	VV	250534	3801526	100.00%	6.500%
306	17.302	17.286	17.323	VV	18833	351478	9.25%	0.601%
307	17.328	17.323	17.368	VV	12958	266463	7.01%	0.456%
Sum of corrected areas:						58485712		

FF090525.M Fri Oct 03 05:17:20 2025

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
5 TRPH STD		FF016339.D	FF090525	N-TETRACONTANE	mohammad	9/9/2025 12:27:38 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090525

Review By	yogesh	Review On	9/5/2025 11:10:24 AM
Supervise By	mohammad	Supervise On	9/9/2025 12:27:38 AM
SubDirectory	FF090525	HP Acquire Method	HP Processing Method FF090525
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	FF016333.D	05 Sep 2025 09:26	YP\AJ	Ok
2	I.BLK	FF016334.D	05 Sep 2025 09:55	YP\AJ	Ok
3	100 TRPH STD	FF016335.D	05 Sep 2025 10:25	YP\AJ	Ok
4	50 TRPH STD	FF016336.D	05 Sep 2025 10:55	YP\AJ	Ok
5	20 TRPH STD	FF016337.D	05 Sep 2025 11:24	YP\AJ	Ok
6	10 TRPH STD	FF016338.D	05 Sep 2025 11:54	YP\AJ	Ok
7	5 TRPH STD	FF016339.D	05 Sep 2025 12:24	YP\AJ	Ok,M
8	100 TRPH STD	FF016340.D	05 Sep 2025 14:55	YP\AJ	Ok
9	FF090525ICV	FF016341.D	05 Sep 2025 15:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF100125

Review By	yogesh	Review On	10/1/2025 12:56:15 PM
Supervise By		Supervise On	
SubDirectory	FF100125	HP Acquire Method	HP Processing Method FF090525
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	FF016481.D	01 Oct 2025 08:58	YP\AJ	Ok
2	I.BLK	FF016482.D	01 Oct 2025 09:28	YP\AJ	Ok
3	50 PPM TRPH STD	FF016483.D	01 Oct 2025 10:43	YP\AJ	Ok
4	RT MARKER	FF016484.D	01 Oct 2025 11:12	YP\AJ	Ok
5	PB169930BL	FF016485.D	01 Oct 2025 11:58	YP\AJ	Ok
6	PB169930BS	FF016486.D	01 Oct 2025 12:27	YP\AJ	Ok
7	Q3157-01	FF016487.D	01 Oct 2025 12:56	YP\AJ	Ok
8	Q3157-01MS	FF016488.D	01 Oct 2025 13:26	YP\AJ	Ok
9	Q3157-01MSD	FF016489.D	01 Oct 2025 13:55	YP\AJ	Ok
10	I.BLK	FF016490.D	01 Oct 2025 14:25	YP\AJ	Ok
11	50 PPM TRPH STD	FF016491.D	01 Oct 2025 14:55	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090525

Review By	yogesh	Review On	9/5/2025 11:10:24 AM
Supervise By	mohammad	Supervise On	9/9/2025 12:27:38 AM
SubDirectory	FF090525	HP Acquire Method	HP Processing Method FF090525

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		FF016333.D	05 Sep 2025 09:26		YP\AJ	Ok
2	I.BLK		FF016334.D	05 Sep 2025 09:55		YP\AJ	Ok
3	100 TRPH STD		FF016335.D	05 Sep 2025 10:25		YP\AJ	Ok
4	50 TRPH STD		FF016336.D	05 Sep 2025 10:55		YP\AJ	Ok
5	20 TRPH STD		FF016337.D	05 Sep 2025 11:24		YP\AJ	Ok
6	10 TRPH STD		FF016338.D	05 Sep 2025 11:54		YP\AJ	Ok
7	5 TRPH STD		FF016339.D	05 Sep 2025 12:24		YP\AJ	Ok,M
8	100 TRPH STD		FF016340.D	05 Sep 2025 14:55		YP\AJ	Ok
9	FF090525ICV		FF016341.D	05 Sep 2025 15:25		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF100125

Review By	yogesh	Review On	10/1/2025 12:56:15 PM
Supervise By		Supervise On	
SubDirectory	FF100125	HP Acquire Method	HP Processing Method FF090525
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		FF016481.D	01 Oct 2025 08:58		YP\AJ	Ok
2	I.BLK		FF016482.D	01 Oct 2025 09:28		YP\AJ	Ok
3	50 PPM TRPH STD		FF016483.D	01 Oct 2025 10:43		YP\AJ	Ok
4	RT MARKER		FF016484.D	01 Oct 2025 11:12		YP\AJ	Ok
5	PB169930BL		FF016485.D	01 Oct 2025 11:58		YP\AJ	Ok
6	PB169930BS		FF016486.D	01 Oct 2025 12:27		YP\AJ	Ok
7	Q3157-01		FF016487.D	01 Oct 2025 12:56		YP\AJ	Ok
8	Q3157-01MS		FF016488.D	01 Oct 2025 13:26		YP\AJ	Ok
9	Q3157-01MSD		FF016489.D	01 Oct 2025 13:55		YP\AJ	Ok
10	I.BLK		FF016490.D	01 Oct 2025 14:25		YP\AJ	Ok
11	50 PPM TRPH STD		FF016491.D	01 Oct 2025 14:55		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
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: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3143-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3143-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3143-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3143-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3143-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3143-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3145-01	SP-A	7	1.14	10.75	11.89	10.28	85.0	
Q3145-02	SP-A-EPH-2	8	1.19	10.41	11.6	10.1	85.6	
Q3145-03	SP-B	9	1.19	10.10	11.29	9.75	84.8	
Q3145-04	SP-B-EPH-2	10	1.13	10.64	11.77	10.28	86.0	
Q3146-01	MECHANIC-ST-PAINT-CHIP S	11	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS SAMPLE
Q3147-01	S-1	12	1.18	10.22	11.4	10.7	93.2	
Q3147-02	S-2	13	1.16	10.55	11.71	10.8	91.4	
Q3147-03	S-3	14	1.19	10.42	11.61	10.84	92.6	
Q3147-04	S-4	15	1.16	10.21	11.37	10.34	89.9	
Q3147-05	S-5	16	1.19	10.13	11.32	10.6	92.9	
Q3147-06	S-6	17	1.19	10.36	11.55	10.74	92.2	
Q3147-07	S-7	18	1.19	10.72	11.91	11.00	91.5	
Q3147-08	S-8	19	1.16	10.55	11.71	10.7	90.4	
Q3147-09	S-9	20	1.19	10.28	11.47	10.55	91.1	
Q3147-10	S-10	21	1.19	10.77	11.96	11.32	94.1	
Q3147-11	S-11	22	1.17	10.58	11.75	10.97	92.6	
Q3147-12	S-12	23	1.13	10.67	11.8	10.88	91.4	
Q3147-13	S-13	24	1.19	10.70	11.89	11.15	93.1	
Q3147-14	S-14	25	1.19	10.39	11.58	10.85	93.0	
Q3147-15	S-15	26	1.11	10.77	11.88	10.96	91.5	
Q3147-16	S-16	27	1.19	10.32	11.51	10.47	89.9	
Q3147-17	S-17	28	1.15	10.58	11.73	10.8	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
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: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3147-18	S-18	29	1.18	10.70	11.88	10.95	91.3	
Q3147-19	S-19	30	1.14	10.92	12.06	11.17	91.8	
Q3147-20	S-20	31	1.15	11.56	12.71	11.72	91.4	
Q3147-21	S-21	32	1.18	10.61	11.79	10.96	92.2	
Q3147-22	S-22	33	1.19	11.06	12.25	11.15	90.1	
Q3147-23	S-23	34	1.15	10.40	11.55	10.6	90.9	
Q3147-24	S-24	35	1.19	10.75	11.94	11.14	92.6	
Q3147-25	S-25	36	1.18	10.24	11.42	10.72	93.2	
Q3147-26	S-26	37	1.15	10.35	11.5	11.04	95.6	
Q3147-27	S-27	38	1.15	10.26	11.41	10.27	88.9	
Q3147-28	S-28	39	1.16	11.34	12.5	11.72	93.1	
Q3147-29	S-29	40	1.19	11.23	12.42	11.42	91.1	
Q3147-30	S-30	41	1.13	10.34	11.47	10.94	94.9	
Q3147-31	S-31	42	1.15	11.25	12.4	11.9	95.6	
Q3147-32	S-32	43	1.15	10.91	12.06	11.51	95.0	
Q3150-01	MER Rd Con Ed	44	1.15	10.51	11.66	10.67	90.6	
Q3150-02	MER Rd Con Ed	45	1.15	10.51	11.66	10.67	90.6	
Q3150-03	Mid Site Grid 5-7	46	1.16	10.02	11.18	8.85	76.7	
Q3150-04	Mid Site Grid 5-7	47	1.16	10.02	11.18	8.85	76.7	
Q3151-01	MH-OIL	48	1.00	1.00	2.00	2.00	100.0	oil sample
Q3152-01	EO-02-091925	49	1.14	10.86	12.00	11.16	92.3	
Q3152-02	EO-02-091925-E2	50	1.14	10.38	11.52	10.64	91.5	
Q3153-01	OR-500-COMP-39	51	1.18	10.64	11.82	11.07	93.0	
Q3153-02	OR-500-VOC-115	52	1.17	10.52	11.69	11.13	94.7	
Q3153-03	OR-500-115	53	1.19	10.49	11.68	10.88	92.4	
Q3153-05	OR-500-COMP-40	54	1.19	10.15	11.34	10.00	86.8	
Q3153-06	OR-500-VOC-116	55	1.14	10.30	11.44	10.41	90.0	
Q3153-07	OR-500-116	56	1.13	10.37	11.5	10.15	87.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
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: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

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

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3143-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3145-01	SP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-02	SP-A-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-03	SP-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-04	SP-B-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3146-01	MECHANIC-ST-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/19/2025	Chemtech -SO
Q3147-01	S-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-02	S-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-03	S-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-04	S-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-05	S-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-06	S-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-07	S-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-08	S-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-09	S-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-10	S-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 09-19-25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-11	S-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-12	S-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-13	S-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-14	S-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-15	S-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-16	S-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-17	S-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-18	S-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-19	S-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-20	S-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-21	S-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-22	S-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-23	S-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-24	S-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-25	S-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-26	S-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-27	S-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-28	S-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-29	S-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-30	S-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-31	S-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09-19-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925 WorkList ID : 191953 Department : Wet-Chemistry Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-32	S-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3150-01	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-02	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-03	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-04	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3151-01	MH-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3152-01	EO-02-091925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3152-02	EO-02-091925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3153-01	OR-500-COMP-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-02	OR-500-VOC-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-03	OR-500-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-05	OR-500-COMP-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-06	OR-500-VOC-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-07	OR-500-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3155-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3157-01	20-DEAD-1	Solid	Percent Solids	Cool 4 deg C	ALWA01	D31	09/19/2025	Chemtech -SO

Date/Time 09-19-25 15:00
Raw Sample Received by: JB WPC
Raw Sample Relinquished by: JB WPC

Date/Time 09-19-25
Raw Sample Received by: JB WPC
Raw Sample Relinquished by: JB WPC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 10/01/2025

Matrix : Solid

Extraction Start Time : 08:37

Weigh By: EH

Extraction By: RJ

Extraction End Date : 10/01/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 11:50

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : ritesh

Extraction Method: ☐ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	20 PPM	PP24596
Spike Sol 1	1.0ML	20 PPM	PP24583
N/A	N/A	20 PPM	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2646
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

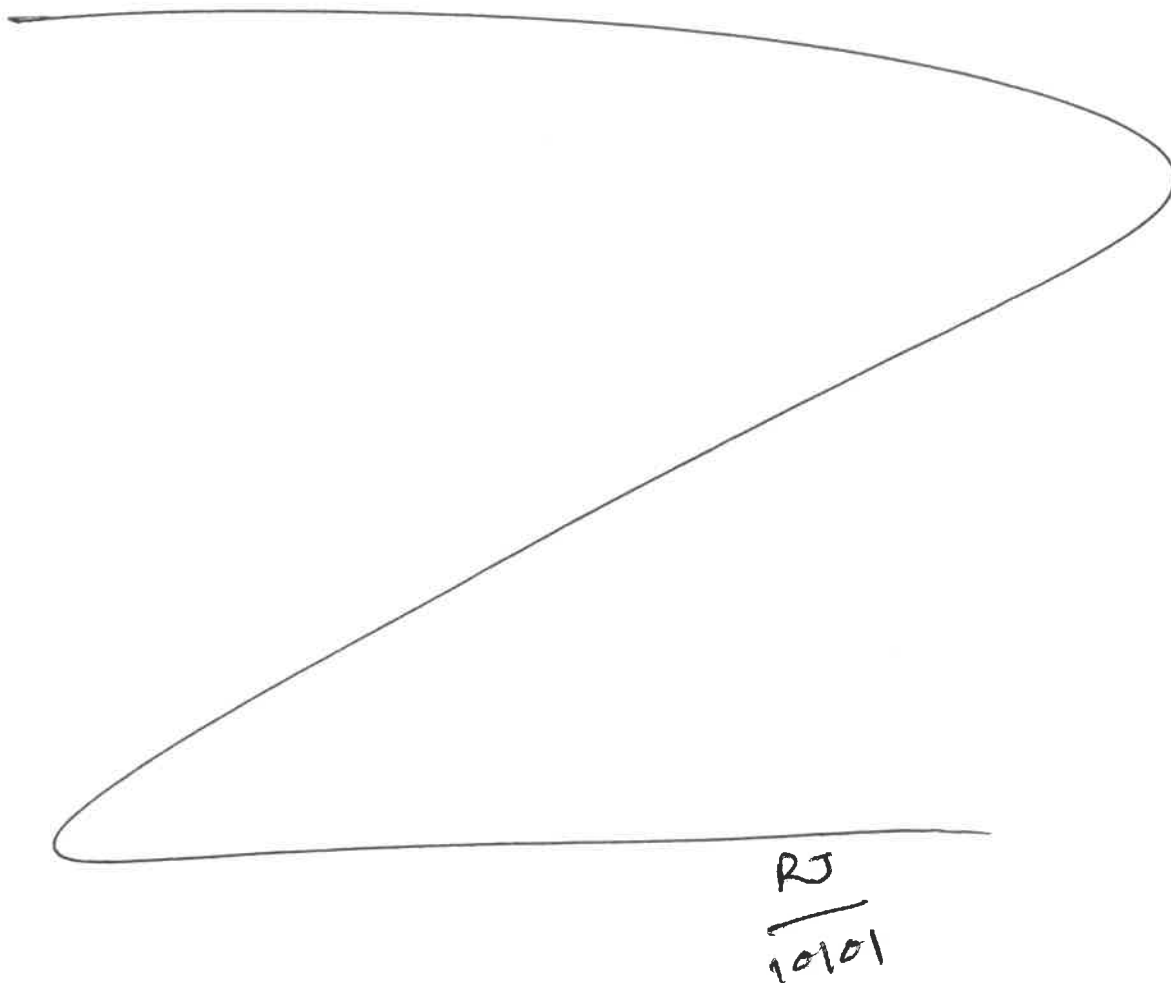
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/01/25	RJ (Ext. Lab)	Y.P. PestIP40
11:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/01/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169930BL	PB169930BL	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1			U1-1
PB169930BS	PB169930BS	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1			2
Q3157-01	20-DEAD-1	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1	E		3
Q3157-01MS	20-DEAD-1MS	Diesel Range Organics	30.09	N/A	ritesh	Evelyn	1	E		4
Q3157-01MS D	20-DEAD-1MSD	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	E		5



RJ
10/01

8:37
10/1/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3257 WorkList ID : 192204 Department : Extraction Date : 10-01-2025 08:32:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3157-01	20-DEAD-1	Solid	Diesel Range Organics	Cool 4 deg C	ALWA01	D31	09/19/2025	8015D

Date/Time 10/01/25 8:32
Raw Sample Received by: RJ LEXA (46)
Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 8:45
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ LEXA (46)



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Always Available Construction
ADDRESS: 20 Dead River Rd-
CITY: WARREN STATE: NJ ZIP: 07059
ATTENTION: Michael Roth
PHONE: (973) 699-4453 FAX:

PROJECT NAME: Yard Soil Cleanup
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

1: 2: 3: 4: 5: 6: 7: 8: 9:
VOCs TCLP VOCs GND, DRO SDOC, PEST. PCBs MET. TOB-TAL Heavy Duty Cuv. Full TCLP

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E	E	E				
1.	20 Dead-1	S.	X		9/19/25	1:45pm	11	X	X	X	X	X	X	X				
2.	20 Dead-1	W			9/19/25	1:45pm	4	X	X									
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>Michael Roth</u>	DATE/TIME: <u>9/19/25</u>	RECEIVED BY: 1. <u>CR</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>26.1</u> °C Comments: <u>IRB #1</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3157	ALWA01	Order Date : 9/19/2025 2:22:59 PM	Project Mgr :
Client Name : Always Available Construct		Project Name : Yard Soil Cleanup	Report Type : Level 1
Client Contact : Michael Roth		Receive DateTime : 9/19/2025 2:23:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Always Available Construct		Purchase Order :	Hard Copy Date :
Invoice Contact : Michael Roth			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3157-01	20-DEAD-1	Solid	09/19/2025	13:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3157-03	TB	Water	09/19/2025	13:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3157-04	TB	Water	09/19/2025	13:45	TCLP VOA		8260D		10 Bus. Days

Relinquished By : OP

Date / Time : 09/19/25 14:46

Received By : Sam

Date / Time : 09/19/25 14:46

Storage Area : VOA Refridgerator Room

Reg # 6
F2 2
Reg 4