

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

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	Diesel Range Organics	8015D	11/19/25	12/03/25	12/04/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	Diesel Range Organics	8015D	11/20/25	12/03/25	12/04/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	Diesel Range Organics	8015D	11/20/25	12/03/25	12/05/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	Diesel Range Organics	8015D	11/24/25	12/03/25	12/04/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	Diesel Range Organics PCB	8015D 8082A	11/25/25	12/03/25 12/03/25	12/04/25 12/03/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	Diesel Range Organics PCB	8015D 8082A	11/25/25	12/03/25 12/03/25	12/05/25 12/03/25	11/26/25



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Core Environmental Consultants and Service

Lab Code: ACE

SDG No.: Q3741

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG017071.D	108				0
PIBLK-FG017084.D	107				0
PIBLK-FG017087.D	130				0
PIBLK-FG017091.D	123				0
PB170825BL	78				0
PB170825BS	85				0
B50-SP3-111925	42				0
B50-SP3-111925MS	46				0
B50-SP3-111925MSD	42				0
B50-SP13-112025	52				0
B50-SP14-112025	86				0
B50-SP9-112425	48				0
B50-SP11-112525	53				0
B50-SP4-112525	57				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:** Core Environmental Consultants and Services,
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : B50-SP3-111925MS **Datafile:** FG017077.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7263	6180	11565	74%		68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Services,
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : B50-SP3-111925MSD **Datafile:** FG017078.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7259	6180	11253	70%		68-131

MS/MSD % Recovery RPD : 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance

Client: Core Environmental Consultants and

Lab Code: ACE

SDG No: Services, Inc.

Client Sample ID : PB170825BS

Datafile: Q3741

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6662	0	5331	80	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170825BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: FG017074.D

Lab Sample ID: PB170825BL

Instrument ID: FG

Date Extracted: 12/04/2025

Matrix: (soil/water) Soil

Date Analyzed: 12/04/25

Level: (low/med) low

Time Analyzed: 19:48

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170825BS	PB170825BS	FG017075.D	12/04/25
B50-SP3-111925	Q3741-01	FG017076.D	12/04/25
B50-SP3-111925MS	Q3741-01MS	FG017077.D	12/04/25
B50-SP3-111925MSD	Q3741-01MSD	FG017078.D	12/04/25
B50-SP13-112025	Q3741-02	FG017079.D	12/04/25
B50-SP9-112425	Q3741-04	FG017081.D	12/04/25
B50-SP11-112525	Q3741-05	FG017082.D	12/04/25
B50-SP4-112525	Q3741-06	FG017083.D	12/05/25
B50-SP14-112025	Q3741-03	FG017090.D	12/05/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/19/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925		SDG No.:	Q3741
Lab Sample ID:	Q3741-01		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	91.6
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6180		1	184	1820	ug/kg	12/04/25 20:47	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	8.50			37 - 130	42%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017076.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 20:47
Operator : YP\AJ
Sample : Q3741-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B50-SP3-111925

Integration File: Sample.e
Quant Time: Dec 05 03:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.138	884631	8.501 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

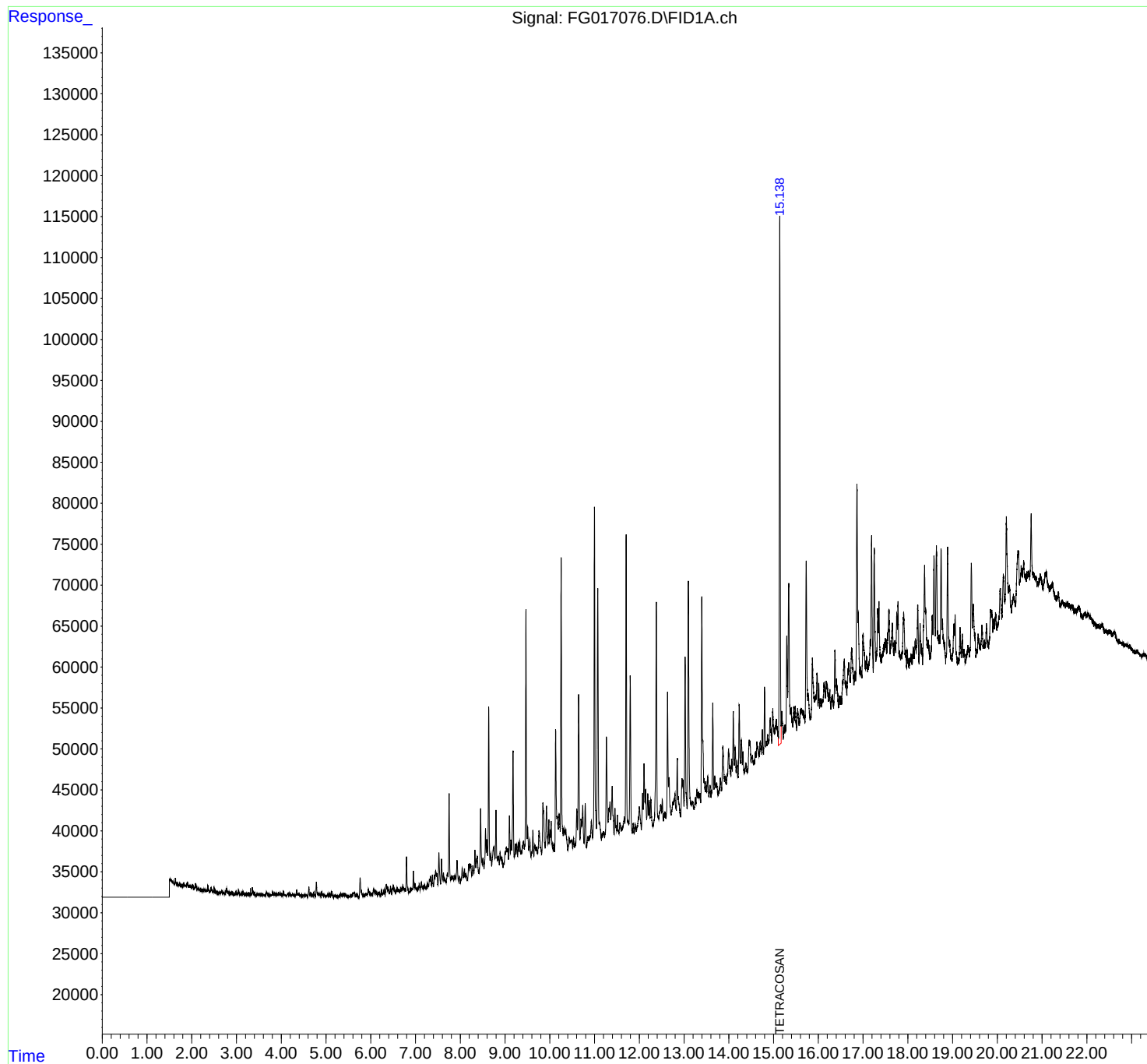
(m)=manual int.

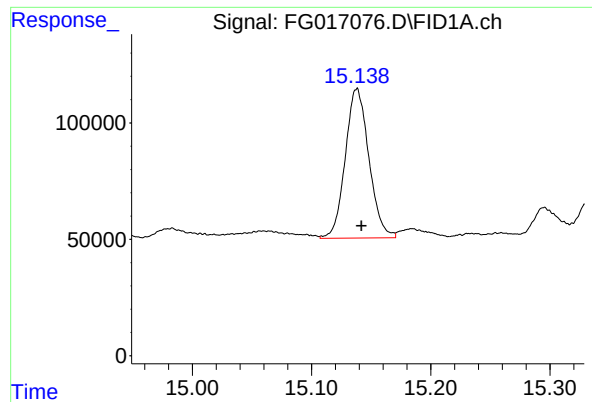
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017076.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 20:47
Operator : YP\AJ
Sample : Q3741-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B50-SP3-111925

Integration File: Sample.e
Quant Time: Dec 05 03:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.138 min
Delta R.T.: -0.004 min
Response: 884631
Conc: 8.50 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP3-111925

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017076.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 20:47
Sample : Q3741-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.237	2.232	2.266	PV	114	1520	0.17%	0.007%
2	2.285	2.266	2.322	VV	232	5188	0.57%	0.025%
3	2.326	2.322	2.330	VV	171	589	0.06%	0.003%
4	2.337	2.330	2.343	PV	107	528	0.06%	0.003%
5	2.362	2.343	2.405	VV	747	11063	1.21%	0.053%
6	2.431	2.405	2.474	VV	525	11065	1.21%	0.053%
7	2.496	2.474	2.515	PV	650	6688	0.73%	0.032%
8	2.529	2.515	2.553	VV	333	4028	0.44%	0.019%
9	2.559	2.553	2.566	VV	124	731	0.08%	0.004%
10	2.570	2.566	2.585	VV	174	1126	0.12%	0.005%
11	2.589	2.585	2.617	VV	77	1128	0.12%	0.005%
12	2.620	2.617	2.644	VV	70	782	0.09%	0.004%
13	2.661	2.644	2.679	VV	300	3710	0.41%	0.018%
14	2.681	2.679	2.718	VV	233	2780	0.30%	0.013%
15	2.723	2.718	2.729	VV	138	504	0.06%	0.002%
16	2.734	2.729	2.750	VV	126	918	0.10%	0.004%
17	2.775	2.750	2.818	PV	712	14937	1.63%	0.072%
18	2.824	2.818	2.839	VV	219	2048	0.22%	0.010%
19	2.842	2.839	2.867	VV	194	2185	0.24%	0.010%
20	2.903	2.867	2.927	VV	294	6058	0.66%	0.029%
21	2.931	2.927	2.944	VV	153	1032	0.11%	0.005%
22	2.965	2.944	2.973	VV	175	1762	0.19%	0.008%
23	2.985	2.973	3.025	VV	318	4673	0.51%	0.022%
24	3.047	3.025	3.080	VV	573	7697	0.84%	0.037%
25	3.087	3.080	3.092	VV	171	590	0.06%	0.003%
26	3.130	3.092	3.186	VV	389	9944	1.09%	0.048%
27	3.189	3.186	3.198	VV	130	431	0.05%	0.002%
28	3.214	3.198	3.246	PV	190	2600	0.28%	0.012%
29	3.274	3.246	3.303	VV	330	6005	0.66%	0.029%
30	3.310	3.303	3.331	VV	643	1832	0.20%	0.009%
31	3.354	3.331	3.382	VV	1002	13965	1.53%	0.067%
32	3.393	3.382	3.427	VV	285	5369	0.59%	0.026%
33	3.428	3.427	3.435	VV	136	384	0.04%	0.002%
34	3.440	3.435	3.448	VV	143	657	0.07%	0.003%
35	3.474	3.448	3.480	VV	193	2377	0.26%	0.011%
36	3.495	3.480	3.516	VV	266	4080	0.45%	0.020%

					rteres			
37	3.524	3.516	3.547	VV	222	3057	0.33%	0.015%
38	3.574	3.547	3.622	PV	302	7073	0.77%	0.034%
39	3.624	3.622	3.630	VV	164	497	0.05%	0.002%
40	3.632	3.630	3.652	VV	160	1357	0.15%	0.007%
41	3.671	3.652	3.698	VV	436	7342	0.80%	0.035%
42	3.713	3.698	3.732	VV	241	3190	0.35%	0.015%
43	3.746	3.732	3.779	VV	182	3574	0.39%	0.017%
44	3.782	3.779	3.788	VV	157	675	0.07%	0.003%
45	3.804	3.788	3.828	VV	539	6911	0.76%	0.033%
46	3.836	3.828	3.859	VV	266	3500	0.38%	0.017%
47	3.862	3.859	3.876	VV	256	2102	0.23%	0.010%
48	3.893	3.876	3.926	VV	333	7133	0.78%	0.034%
49	3.946	3.926	3.967	VV	456	6772	0.74%	0.032%
50	3.972	3.967	3.979	VV	248	1308	0.14%	0.006%
51	3.993	3.979	4.017	VV	397	5086	0.56%	0.024%
52	4.043	4.017	4.071	VV	653	9857	1.08%	0.047%
53	4.075	4.071	4.113	VV	218	3080	0.34%	0.015%
54	4.136	4.113	4.141	PV	288	3218	0.35%	0.015%
55	4.152	4.141	4.170	VV	479	5490	0.60%	0.026%
56	4.185	4.170	4.206	VV	390	5866	0.64%	0.028%
57	4.207	4.206	4.237	VV	263	3603	0.39%	0.017%
58	4.262	4.237	4.318	VV	372	9190	1.00%	0.044%
59	4.341	4.318	4.372	VV	775	13570	1.48%	0.065%
60	4.388	4.372	4.410	VV	397	6062	0.66%	0.029%
61	4.412	4.410	4.419	VV	235	1221	0.13%	0.006%
62	4.428	4.419	4.475	VV	304	5274	0.58%	0.025%
63	4.482	4.475	4.495	VV	163	1384	0.15%	0.007%
64	4.512	4.495	4.527	VV	270	3536	0.39%	0.017%
65	4.531	4.527	4.543	VV	231	1481	0.16%	0.007%
66	4.554	4.543	4.587	VV	278	5163	0.56%	0.025%
67	4.617	4.587	4.640	VV	1192	16062	1.76%	0.077%
68	4.658	4.640	4.679	VV	515	7962	0.87%	0.038%
69	4.699	4.679	4.714	VV	360	5180	0.57%	0.025%
70	4.728	4.714	4.761	VV	648	8786	0.96%	0.042%
71	4.784	4.761	4.823	VV	1873	27608	3.02%	0.132%
72	4.833	4.823	4.857	VV	494	7661	0.84%	0.037%
73	4.866	4.857	4.883	VV	373	4671	0.51%	0.022%
74	4.902	4.883	4.920	VV	701	9044	0.99%	0.043%
75	4.929	4.920	4.943	VV	491	4320	0.47%	0.021%
76	4.967	4.943	4.976	VV	302	4788	0.52%	0.023%
77	4.987	4.976	4.998	VV	258	2572	0.28%	0.012%
78	5.036	4.998	5.055	VV	427	9037	0.99%	0.043%
79	5.061	5.055	5.068	VV	353	2554	0.28%	0.012%
80	5.080	5.068	5.104	VV	443	7142	0.78%	0.034%
81	5.129	5.104	5.157	VV	749	13230	1.45%	0.063%
82	5.160	5.157	5.171	VV	214	1199	0.13%	0.006%
83	5.202	5.171	5.225	VV	334	6149	0.67%	0.029%
84	5.231	5.225	5.253	VV	237	2700	0.30%	0.013%
85	5.300	5.253	5.315	PV	293	6052	0.66%	0.029%
86	5.326	5.315	5.356	VV	482	8588	0.94%	0.041%
87	5.373	5.356	5.392	VV	508	6395	0.70%	0.031%
88	5.408	5.392	5.432	VV	474	8006	0.88%	0.038%
89	5.440	5.432	5.465	VV	401	5247	0.57%	0.025%

					rteres			
90	5.468	5.465	5.479	VV	230	1089	0.12%	0.005%
91	5.491	5.479	5.503	VV	144	1205	0.13%	0.006%
92	5.507	5.503	5.513	VV	126	499	0.05%	0.002%
93	5.540	5.513	5.553	VV	255	3019	0.33%	0.014%
94	5.572	5.553	5.592	VV	312	5936	0.65%	0.028%
95	5.621	5.592	5.625	VV	543	8800	0.96%	0.042%
96	5.628	5.625	5.632	VV	515	2027	0.22%	0.010%
97	5.637	5.632	5.655	VV	503	4921	0.54%	0.024%
98	5.658	5.655	5.664	VV	206	993	0.11%	0.005%
99	5.670	5.664	5.691	VV	205	2598	0.28%	0.012%
100	5.702	5.691	5.724	VV	214	2376	0.26%	0.011%
101	5.731	5.724	5.744	VV	99	641	0.07%	0.003%
102	5.762	5.744	5.827	VV	2344	41300	4.52%	0.198%
103	5.833	5.827	5.862	VV	235	2494	0.27%	0.012%
104	5.889	5.862	5.913	PV	376	8176	0.89%	0.039%
105	5.918	5.913	5.922	VV	275	1333	0.15%	0.006%
106	5.948	5.922	5.982	VV	933	18748	2.05%	0.090%
107	5.990	5.982	5.999	VV	310	2561	0.28%	0.012%
108	6.025	5.999	6.041	VV	365	6641	0.73%	0.032%
109	6.057	6.041	6.073	VV	822	11842	1.29%	0.057%
110	6.077	6.073	6.099	VV	758	8086	0.88%	0.039%
111	6.115	6.099	6.147	VV	698	11328	1.24%	0.054%
112	6.155	6.147	6.166	VV	376	3387	0.37%	0.016%
113	6.175	6.166	6.186	VV	380	3724	0.41%	0.018%
114	6.195	6.186	6.221	VV	375	4061	0.44%	0.019%
115	6.240	6.221	6.268	PV	752	8778	0.96%	0.042%
116	6.296	6.268	6.317	VV	754	11544	1.26%	0.055%
117	6.346	6.317	6.386	VV	1282	31868	3.48%	0.153%
118	6.389	6.386	6.417	VV	662	8385	0.92%	0.040%
119	6.440	6.417	6.467	VV	1031	13857	1.52%	0.066%
120	6.489	6.467	6.493	VV	817	8361	0.91%	0.040%
121	6.507	6.493	6.555	VV	1119	22340	2.44%	0.107%
122	6.592	6.555	6.607	VV	789	14310	1.56%	0.069%
123	6.626	6.607	6.650	VV	533	10091	1.10%	0.048%
124	6.670	6.650	6.684	VV	647	9937	1.09%	0.048%
125	6.692	6.684	6.697	VV	505	3736	0.41%	0.018%
126	6.719	6.697	6.736	VV	889	15084	1.65%	0.072%
127	6.743	6.736	6.767	VV	621	8072	0.88%	0.039%
128	6.771	6.767	6.776	VV	314	1534	0.17%	0.007%
129	6.798	6.776	6.851	VV	4446	58714	6.42%	0.282%
130	6.859	6.851	6.866	VV	127	666	0.07%	0.003%
131	6.888	6.866	6.900	PV	540	6460	0.71%	0.031%
132	6.904	6.900	6.907	VV	349	1208	0.13%	0.006%
133	6.926	6.907	6.932	VV	444	5526	0.60%	0.026%
134	6.952	6.932	6.977	VV	2585	33108	3.62%	0.159%
135	6.988	6.977	7.013	VV	926	13451	1.47%	0.064%
136	7.025	7.013	7.039	VV	396	3939	0.43%	0.019%
137	7.066	7.039	7.073	VV	546	6084	0.67%	0.029%
138	7.083	7.073	7.100	VV	638	7880	0.86%	0.038%
139	7.128	7.100	7.154	VV	967	17120	1.87%	0.082%
140	7.165	7.154	7.181	VV	564	4961	0.54%	0.024%
141	7.194	7.181	7.229	VV	562	9782	1.07%	0.047%

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142	7.234	7.229	7.242	VV	270	1491	0.16%	0.007%
143	7.270	7.242	7.292	VV	729	13131	1.44%	0.063%
144	7.310	7.292	7.322	VV	1152	15753	1.72%	0.076%
145	7.335	7.322	7.353	VV	1548	19791	2.16%	0.095%
146	7.376	7.353	7.402	VV	1668	24212	2.65%	0.116%
147	7.422	7.402	7.435	VV	1628	20959	2.29%	0.101%
148	7.449	7.435	7.467	VV	2054	32419	3.54%	0.155%
149	7.477	7.467	7.500	VV	1764	22949	2.51%	0.110%
150	7.522	7.500	7.561	VV	4209	65803	7.20%	0.316%
151	7.581	7.561	7.608	VV	3404	49920	5.46%	0.239%
152	7.624	7.608	7.639	VV	1613	22662	2.48%	0.109%
153	7.649	7.639	7.683	VV	832	17408	1.90%	0.083%
154	7.711	7.683	7.721	VV	1572	23972	2.62%	0.115%
155	7.750	7.721	7.780	VV	11204	142438	15.58%	0.683%
156	7.799	7.780	7.819	VV	1069	19361	2.12%	0.093%
157	7.838	7.819	7.857	VV	1068	18089	1.98%	0.087%
158	7.883	7.857	7.899	VV	1132	21704	2.37%	0.104%
159	7.928	7.899	7.958	VV	2858	50232	5.49%	0.241%
160	7.975	7.958	7.996	VV	845	12390	1.35%	0.059%
161	8.015	7.996	8.023	PV	537	5131	0.56%	0.025%
162	8.042	8.023	8.063	VV	1800	26181	2.86%	0.126%
163	8.094	8.063	8.112	VV	1663	29100	3.18%	0.140%
164	8.126	8.112	8.158	VV	1040	17364	1.90%	0.083%
165	8.188	8.158	8.202	VV	2043	29141	3.19%	0.140%
166	8.213	8.202	8.225	VV	2095	23965	2.62%	0.115%
167	8.236	8.225	8.255	VV	1949	24656	2.70%	0.118%
168	8.281	8.255	8.301	VV	1734	29754	3.25%	0.143%
169	8.328	8.301	8.348	VV	3552	55383	6.06%	0.266%
170	8.379	8.348	8.410	VV	2713	68357	7.47%	0.328%
171	8.455	8.410	8.491	VV	8420	147424	16.12%	0.707%
172	8.510	8.491	8.530	VV	2266	40063	4.38%	0.192%
173	8.564	8.530	8.580	VV	5801	93058	10.18%	0.446%
174	8.593	8.580	8.611	VV	4476	65513	7.16%	0.314%
175	8.636	8.611	8.665	VV	20338	265403	29.02%	1.273%
176	8.683	8.665	8.702	VV	2627	43411	4.75%	0.208%
177	8.754	8.702	8.774	VV	3310	105879	11.58%	0.508%
178	8.799	8.774	8.836	VV	7721	128435	14.04%	0.616%
179	8.853	8.836	8.872	VV	1976	35018	3.83%	0.168%
180	8.890	8.872	8.908	VV	2302	37504	4.10%	0.180%
181	8.915	8.908	8.957	VV	1735	36320	3.97%	0.174%
182	8.970	8.957	8.981	VV	997	11571	1.27%	0.055%
183	8.999	8.981	9.007	VV	2319	27325	2.99%	0.131%
184	9.031	9.007	9.043	VV	2867	51759	5.66%	0.248%
185	9.058	9.043	9.077	VV	2632	45022	4.92%	0.216%
186	9.099	9.077	9.119	VV	6595	93501	10.22%	0.448%
187	9.135	9.119	9.149	VV	3536	49304	5.39%	0.236%
188	9.179	9.149	9.206	VV	14274	218600	23.90%	1.048%
189	9.232	9.206	9.246	VV	2897	50999	5.58%	0.245%
190	9.261	9.246	9.281	VV	2853	45801	5.01%	0.220%
191	9.298	9.281	9.313	VV	2968	43963	4.81%	0.211%
192	9.329	9.313	9.354	VV	3098	55084	6.02%	0.264%
193	9.369	9.354	9.376	VV	1835	21811	2.38%	0.105%
194	9.413	9.376	9.432	VV	2981	80326	8.78%	0.385%

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195	9.468	9.432	9.495	VV	31145	399737	43.71%	1.917%
196	9.506	9.495	9.528	VV	4553	67099	7.34%	0.322%
197	9.554	9.528	9.580	VV	2974	60807	6.65%	0.292%
198	9.593	9.580	9.603	VV	1420	17000	1.86%	0.082%
199	9.623	9.603	9.645	VV	3970	55706	6.09%	0.267%
200	9.663	9.645	9.669	VV	2064	23623	2.58%	0.113%
201	9.673	9.669	9.687	VV	2066	20051	2.19%	0.096%
202	9.704	9.687	9.722	VV	1736	30368	3.32%	0.146%
203	9.764	9.722	9.817	VV	3707	114342	12.50%	0.548%
204	9.848	9.817	9.900	VV	6879	180413	19.73%	0.865%
205	9.927	9.900	9.959	VV	6443	133550	14.60%	0.640%
206	9.978	9.959	9.994	VV	4714	64863	7.09%	0.311%
207	10.009	9.994	10.018	VV	3271	37722	4.12%	0.181%
208	10.031	10.018	10.077	VV	4479	78641	8.60%	0.377%
209	10.093	10.077	10.108	VV	1507	21574	2.36%	0.103%
210	10.131	10.108	10.162	VV	15511	241708	26.43%	1.159%
211	10.167	10.162	10.190	VV	4860	67466	7.38%	0.324%
212	10.208	10.190	10.232	VV	5046	102208	11.18%	0.490%
213	10.254	10.232	10.299	VV	36263	475759	52.02%	2.281%
214	10.314	10.299	10.329	VV	3210	50451	5.52%	0.242%
215	10.337	10.329	10.346	VV	2719	26266	2.87%	0.126%
216	10.360	10.346	10.403	VV	2972	60393	6.60%	0.290%
217	10.429	10.403	10.450	VV	1804	34860	3.81%	0.167%
218	10.467	10.450	10.480	VV	1427	24031	2.63%	0.115%
219	10.488	10.480	10.511	VV	1414	20310	2.22%	0.097%
220	10.532	10.511	10.553	VV	1651	24766	2.71%	0.119%
221	10.572	10.553	10.578	VV	859	10251	1.12%	0.049%
222	10.602	10.578	10.618	VV	5026	74756	8.17%	0.358%
223	10.644	10.618	10.672	VV	18922	285249	31.19%	1.368%
224	10.698	10.672	10.719	VV	3571	75987	8.31%	0.364%
225	10.735	10.719	10.763	VV	5301	82540	9.03%	0.396%
226	10.791	10.763	10.820	VV	5447	81668	8.93%	0.392%
227	10.853	10.820	10.878	VV	1318	28426	3.11%	0.136%
228	10.896	10.878	10.902	VV	1322	16935	1.85%	0.081%
229	10.928	10.902	10.959	VV	3028	64896	7.10%	0.311%
230	10.998	10.959	11.042	VV	41262	559832	61.22%	2.684%
231	11.071	11.042	11.105	VV	31297	472809	51.70%	2.267%
232	11.109	11.105	11.153	VV	2598	49084	5.37%	0.235%
233	11.172	11.153	11.178	VV	1247	12755	1.39%	0.061%
234	11.201	11.178	11.222	VV	1368	28197	3.08%	0.135%
235	11.265	11.222	11.302	VV	12844	226125	24.73%	1.084%
236	11.321	11.302	11.331	VV	4109	59933	6.55%	0.287%
237	11.344	11.331	11.364	VV	4785	76445	8.36%	0.367%
238	11.394	11.364	11.434	VV	6606	154203	16.86%	0.739%
239	11.456	11.434	11.472	VV	3859	50424	5.51%	0.242%
240	11.475	11.472	11.494	VV	1720	19039	2.08%	0.091%
241	11.510	11.494	11.530	VV	2965	39398	4.31%	0.189%
242	11.535	11.530	11.544	VV	1008	7042	0.77%	0.034%
243	11.567	11.544	11.598	VV	1925	42677	4.67%	0.205%
244	11.609	11.598	11.625	VV	1093	16679	1.82%	0.080%
245	11.662	11.625	11.679	VV	2406	56174	6.14%	0.269%
246	11.706	11.679	11.768	VV	36852	484296	52.96%	2.322%

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247	11.798	11.768	11.841	VV	19456	285310	31.20%	1.368%
248	11.865	11.841	11.886	VV	1418	18969	2.07%	0.091%
249	11.904	11.886	11.937	PV	1340	21443	2.34%	0.103%
250	11.977	11.937	11.981	VV	1701	26005	2.84%	0.125%
251	12.000	11.981	12.046	VV	3146	72627	7.94%	0.348%
252	12.074	12.046	12.087	VV	4641	66208	7.24%	0.317%
253	12.106	12.087	12.126	VV	8175	126261	13.81%	0.605%
254	12.142	12.126	12.164	VV	4865	78699	8.61%	0.377%
255	12.190	12.164	12.209	VV	4237	74245	8.12%	0.356%
256	12.222	12.209	12.242	VV	3455	45860	5.01%	0.220%
257	12.257	12.242	12.305	VV	3456	61871	6.77%	0.297%
258	12.380	12.305	12.414	VV	27148	417362	45.64%	2.001%
259	12.416	12.414	12.436	VV	1272	12711	1.39%	0.061%
260	12.480	12.436	12.499	VV	2506	65428	7.15%	0.314%
261	12.514	12.499	12.539	VV	3029	41134	4.50%	0.197%
262	12.556	12.539	12.567	VV	1174	15168	1.66%	0.073%
263	12.580	12.567	12.598	VV	1217	16970	1.86%	0.081%
264	12.632	12.598	12.652	VV	15867	210278	22.99%	1.008%
265	12.667	12.652	12.708	VV	5341	99989	10.93%	0.479%
266	12.721	12.708	12.728	VV	1267	12364	1.35%	0.059%
267	12.748	12.728	12.752	VV	2122	24773	2.71%	0.119%
268	12.758	12.752	12.765	VV	2268	15875	1.74%	0.076%
269	12.796	12.765	12.828	VV	3099	79594	8.70%	0.382%
270	12.848	12.828	12.867	VV	7161	97686	10.68%	0.468%
271	12.872	12.867	12.915	VV	2593	41795	4.57%	0.200%
272	12.918	12.915	12.923	VV	363	1071	0.12%	0.005%
273	12.956	12.923	12.964	PV	4659	64659	7.07%	0.310%
274	12.976	12.964	12.999	VV	4369	67374	7.37%	0.323%
275	13.025	12.999	13.072	VV	19246	279240	30.53%	1.339%
276	13.096	13.072	13.158	VV	28241	427493	46.74%	2.050%
277	13.194	13.158	13.229	VV	1148	29071	3.18%	0.139%
278	13.254	13.229	13.265	PV	1438	16730	1.83%	0.080%
279	13.287	13.265	13.306	VV	2163	39002	4.26%	0.187%
280	13.326	13.306	13.343	VV	1844	33266	3.64%	0.160%
281	13.357	13.343	13.372	VV	1571	20440	2.24%	0.098%
282	13.397	13.372	13.443	VV	25369	412351	45.09%	1.977%
283	13.449	13.443	13.474	VV	3139	43597	4.77%	0.209%
284	13.489	13.474	13.507	VV	2489	35753	3.91%	0.171%
285	13.528	13.507	13.560	VV	2929	55812	6.10%	0.268%
286	13.579	13.560	13.599	VV	1823	26058	2.85%	0.125%
287	13.613	13.599	13.619	VV	972	8682	0.95%	0.042%
288	13.642	13.619	13.670	VV	11729	150140	16.42%	0.720%
289	13.681	13.670	13.709	VV	2549	46111	5.04%	0.221%
290	13.729	13.709	13.760	VV	1570	32050	3.50%	0.154%
291	13.768	13.760	13.785	PV	485	4860	0.53%	0.023%
292	13.812	13.785	13.839	VV	1948	36235	3.96%	0.174%
293	13.869	13.839	13.901	VV	5628	117538	12.85%	0.564%
294	13.914	13.901	13.941	VV	1748	33361	3.65%	0.160%
295	13.993	13.941	14.017	VV	4733	116546	12.74%	0.559%
296	14.022	14.017	14.047	VV	2578	37519	4.10%	0.180%
297	14.061	14.047	14.080	VV	3087	49400	5.40%	0.237%
298	14.100	14.080	14.126	VV	8782	131195	14.35%	0.629%
299	14.145	14.126	14.168	VV	4290	73210	8.01%	0.351%

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300	14.182	14.168	14.206	VV	2594	36159	3.95%	0.173%
301	14.232	14.206	14.257	VV	9154	137483	15.03%	0.659%
302	14.281	14.257	14.304	VV	4633	90040	9.85%	0.432%
303	14.317	14.304	14.346	VV	3090	44627	4.88%	0.214%
304	14.357	14.346	14.363	VV	819	6756	0.74%	0.032%
305	14.385	14.363	14.405	VV	1507	26626	2.91%	0.128%
306	14.418	14.405	14.427	VV	556	5951	0.65%	0.029%
307	14.456	14.427	14.462	VV	4017	51738	5.66%	0.248%
308	14.470	14.462	14.499	VV	3912	61052	6.68%	0.293%
309	14.529	14.499	14.546	VV	1870	41603	4.55%	0.199%
310	14.552	14.546	14.567	VV	1015	10844	1.19%	0.052%
311	14.571	14.567	14.576	VV	1175	5364	0.59%	0.026%
312	14.603	14.576	14.612	VV	2082	34006	3.72%	0.163%
313	14.628	14.612	14.642	VV	3093	43506	4.76%	0.209%
314	14.646	14.642	14.678	VV	2551	38728	4.23%	0.186%
315	14.705	14.678	14.723	VV	2926	56317	6.16%	0.270%
316	14.750	14.723	14.777	VV	4066	73254	8.01%	0.351%
317	14.799	14.777	14.828	VV	8995	129254	14.13%	0.620%
318	14.836	14.828	14.852	VV	2367	29724	3.25%	0.143%
319	14.868	14.852	14.886	VV	3061	48594	5.31%	0.233%
320	14.925	14.886	14.958	VV	4769	134805	14.74%	0.646%
321	14.983	14.958	15.022	VV	5815	141404	15.46%	0.678%
322	15.059	15.022	15.107	VV	4183	154436	16.89%	0.741%
323	15.138	15.107	15.170	VV	64731	914522	100.00%	4.385%
324	15.184	15.170	15.215	VV	4608	86048	9.41%	0.413%
325	15.232	15.215	15.244	VV	2305	33458	3.66%	0.160%
326	15.259	15.244	15.274	VV	2684	39147	4.28%	0.188%
327	15.295	15.274	15.316	VV	13259	207456	22.68%	0.995%
328	15.338	15.316	15.377	VV	19183	375209	41.03%	1.799%
329	15.396	15.377	15.428	VV	4287	97762	10.69%	0.469%
330	15.452	15.428	15.468	VV	4089	71615	7.83%	0.343%
331	15.487	15.468	15.515	VV	4128	77461	8.47%	0.371%
332	15.538	15.515	15.578	VV	3577	87603	9.58%	0.420%
333	15.603	15.578	15.607	VV	3134	42162	4.61%	0.202%
334	15.615	15.607	15.621	VV	3226	25544	2.79%	0.122%
335	15.626	15.621	15.636	VV	3236	25927	2.84%	0.124%
336	15.638	15.636	15.642	VV	2792	10810	1.18%	0.052%
337	15.652	15.642	15.672	VV	2736	44474	4.86%	0.213%
338	15.680	15.672	15.699	VV	2669	32843	3.59%	0.157%
339	15.729	15.699	15.764	VV	20792	359510	39.31%	1.724%
340	15.774	15.764	15.821	VV	4520	93863	10.26%	0.450%
341	15.824	15.821	15.834	VV	1378	10313	1.13%	0.049%
342	15.869	15.834	15.910	VV	8385	205233	22.44%	0.984%
343	15.914	15.910	15.927	VV	3483	33058	3.61%	0.159%
344	15.942	15.927	15.954	VV	3631	53427	5.84%	0.256%
345	15.973	15.954	15.995	VV	6066	108102	11.82%	0.518%
346	16.012	15.995	16.029	VV	4784	64913	7.10%	0.311%
347	16.043	16.029	16.047	VV	2510	24526	2.68%	0.118%
348	16.053	16.047	16.071	VV	2650	31804	3.48%	0.153%
349	16.092	16.071	16.108	VV	2494	50148	5.48%	0.240%
350	16.132	16.108	16.158	VV	4323	100239	10.96%	0.481%
351	16.181	16.158	16.195	VV	4329	80113	8.76%	0.384%

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352	16.198	16.195	16.228	VV	3797	56638	6.19%	0.272%
353	16.258	16.228	16.282	VV	3001	60887	6.66%	0.292%
354	16.318	16.282	16.341	VV	2184	47648	5.21%	0.228%
355	16.372	16.341	16.395	VV	7335	118767	12.99%	0.570%
356	16.402	16.395	16.455	VV	3505	73652	8.05%	0.353%
357	16.474	16.455	16.491	PV	1324	16746	1.83%	0.080%
358	16.507	16.491	16.524	VV	898	11044	1.21%	0.053%
359	16.544	16.524	16.552	VV	2828	31688	3.46%	0.152%
360	16.580	16.552	16.605	VV	5257	116215	12.71%	0.557%
361	16.612	16.605	16.640	VV	2323	33621	3.68%	0.161%
362	16.684	16.640	16.703	VV	3969	108724	11.89%	0.521%
363	16.707	16.703	16.719	VV	2036	19303	2.11%	0.093%
364	16.743	16.719	16.773	VV	5634	129341	14.14%	0.620%
365	16.777	16.773	16.798	VV	2800	28513	3.12%	0.137%
366	16.820	16.798	16.836	VV	2276	42076	4.60%	0.202%
367	16.864	16.836	16.890	VV	24487	402421	44.00%	1.930%
368	16.894	16.890	16.932	VV	9056	118323	12.94%	0.567%
369	16.940	16.932	16.952	VV	2259	21101	2.31%	0.101%
370	16.955	16.952	16.976	VV	1579	17284	1.89%	0.083%
371	17.002	16.976	17.018	VV	5915	102436	11.20%	0.491%
372	17.021	17.018	17.053	VV	4327	57081	6.24%	0.274%
373	17.078	17.053	17.102	VV	2646	53256	5.82%	0.255%
374	17.190	17.102	17.227	VV	16596	338250	36.99%	1.622%
375	17.249	17.227	17.287	VV	14349	227487	24.87%	1.091%
376	17.298	17.287	17.302	VV	1821	13976	1.53%	0.067%
377	17.327	17.302	17.342	VV	6661	103721	11.34%	0.497%
378	17.356	17.342	17.402	VV	7781	115282	12.61%	0.553%
379	17.407	17.402	17.412	VV	920	2714	0.30%	0.013%
380	17.437	17.412	17.444	PV	630	8571	0.94%	0.041%
381	17.459	17.444	17.471	VV	994	11083	1.21%	0.053%
382	17.477	17.471	17.487	VV	1137	5366	0.59%	0.026%
					Sum of corrected areas:	20854578		

FG120125.M Fri Dec 05 03:48:41 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/20/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025		SDG No.:	Q3741
Lab Sample ID:	Q3741-02		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	86.4
Sample Wt/Vol:	30.04 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	19500		1	195	1930	ug/kg	12/04/25 22:15	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	10.4			37 - 130	52%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017079.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 22:15
Operator : YP\AJ
Sample : Q3741-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B50-SP13-112025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.139	1078007	10.359 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017079.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 22:15
Operator : YP\AJ
Sample : Q3741-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

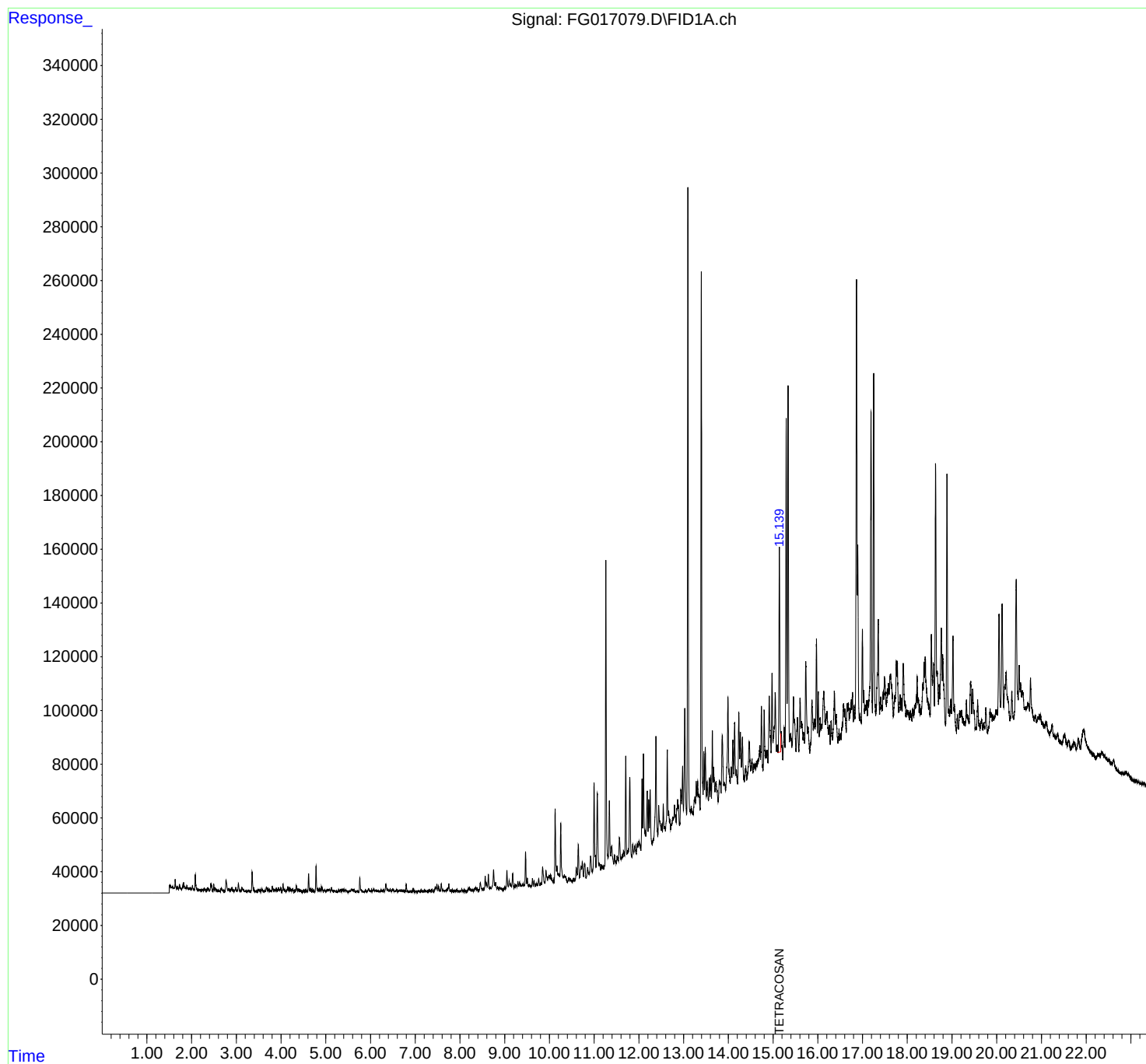
Instrument :
FID_G
ClientSampleId :
B50-SP13-112025

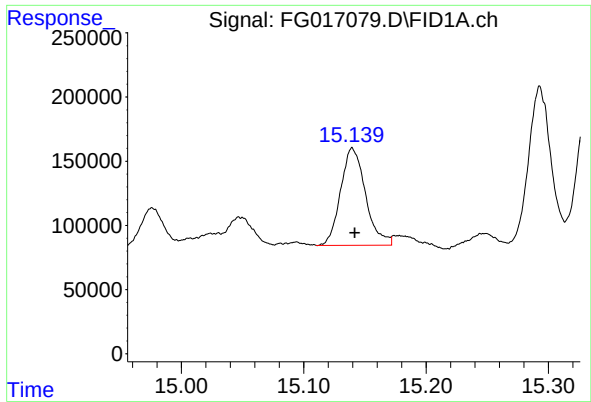
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.139 min
Delta R.T.: -0.003 min
Response: 1078007
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP13-112025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

rteres

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017079.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 22:15
Sample : Q3741-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.211	2.200	2.224	BV	65	330	0.01%	0.001%
2	2.248	2.224	2.260	PV	275	2404	0.08%	0.004%
3	2.276	2.260	2.290	VV	425	4866	0.16%	0.008%
4	2.295	2.290	2.317	VV	350	4053	0.14%	0.007%
5	2.322	2.317	2.337	VV	203	1489	0.05%	0.002%
6	2.363	2.337	2.400	PV	1217	18944	0.64%	0.031%
7	2.430	2.400	2.475	VV	2650	47728	1.60%	0.079%
8	2.495	2.475	2.515	VV	2581	27720	0.93%	0.046%
9	2.526	2.515	2.611	VV	1323	23398	0.79%	0.039%
10	2.615	2.611	2.625	VV	89	261	0.01%	0.000%
11	2.660	2.625	2.674	PV	964	12574	0.42%	0.021%
12	2.682	2.674	2.715	VV	833	9174	0.31%	0.015%
13	2.720	2.715	2.725	VV	183	770	0.03%	0.001%
14	2.730	2.725	2.742	VV	202	1175	0.04%	0.002%
15	2.770	2.742	2.813	VV	4228	76420	2.57%	0.126%
16	2.818	2.813	2.830	VV	625	5553	0.19%	0.009%
17	2.839	2.830	2.845	VV	648	5054	0.17%	0.008%
18	2.848	2.845	2.873	VV	620	6480	0.22%	0.011%
19	2.902	2.873	2.925	VV	1431	26647	0.90%	0.044%
20	2.927	2.925	2.949	VV	443	3719	0.12%	0.006%
21	2.987	2.949	3.022	VV	1552	26952	0.91%	0.044%
22	3.046	3.022	3.085	VV	3102	41310	1.39%	0.068%
23	3.090	3.085	3.102	VV	317	2392	0.08%	0.004%
24	3.131	3.102	3.149	VV	1384	23156	0.78%	0.038%
25	3.159	3.149	3.186	VV	681	8650	0.29%	0.014%
26	3.189	3.186	3.204	VV	141	1211	0.04%	0.002%
27	3.221	3.204	3.246	VV	255	3272	0.11%	0.005%
28	3.278	3.246	3.302	PV	627	8618	0.29%	0.014%
29	3.311	3.302	3.321	VV	161	1229	0.04%	0.002%
30	3.353	3.321	3.390	VV	7406	100205	3.37%	0.165%
31	3.396	3.390	3.451	VV	787	10275	0.35%	0.017%
32	3.473	3.451	3.481	VV	283	3214	0.11%	0.005%
33	3.496	3.481	3.517	VV	812	10514	0.35%	0.017%
34	3.528	3.517	3.551	VV	746	8516	0.29%	0.014%
35	3.573	3.551	3.595	VV	967	14840	0.50%	0.024%
36	3.599	3.595	3.628	VV	384	4798	0.16%	0.008%

					retention	area	area%	conc%
37	3.636	3.628	3.650	VV	277	2650	0.09%	0.004%
38	3.671	3.650	3.699	VV	1837	29337	0.09%	0.004%
39	3.712	3.699	3.735	VV	956	14520	0.09%	0.004%
40	3.745	3.735	3.775	VV	680	10556	0.09%	0.004%
41	3.803	3.775	3.825	VV	1989	28546	0.09%	0.004%
42	3.828	3.825	3.854	VV	658	9888	0.09%	0.004%
43	3.868	3.854	3.874	VV	621	6450	0.22%	0.011%
44	3.887	3.874	3.899	VV	868	11036	0.37%	0.018%
45	3.903	3.899	3.924	VV	763	8881	0.30%	0.015%
46	3.945	3.924	3.978	VV	1540	27813	0.93%	0.046%
47	3.993	3.978	4.023	VV	1612	19523	0.66%	0.032%
48	4.044	4.023	4.078	VV	2947	40022	1.34%	0.066%
49	4.084	4.078	4.107	VV	569	5593	0.19%	0.009%
50	4.130	4.107	4.138	VV	810	8699	0.29%	0.014%
51	4.152	4.138	4.169	VV	1994	23710	0.80%	0.039%
52	4.186	4.169	4.211	VV	1552	24740	0.83%	0.041%
53	4.216	4.211	4.233	VV	737	7771	0.26%	0.013%
54	4.235	4.233	4.242	VV	520	2469	0.08%	0.004%
55	4.263	4.242	4.289	VV	1166	18311	0.62%	0.030%
56	4.308	4.289	4.317	VV	370	4387	0.15%	0.007%
57	4.341	4.317	4.370	VV	2395	37497	1.26%	0.062%
58	4.385	4.370	4.408	VV	1077	17291	0.58%	0.029%
59	4.410	4.408	4.419	VV	594	3543	0.12%	0.006%
60	4.425	4.419	4.449	VV	609	7483	0.25%	0.012%
61	4.452	4.449	4.477	VV	313	1834	0.06%	0.003%
62	4.507	4.477	4.541	PV	556	11929	0.40%	0.020%
63	4.553	4.541	4.585	VV	620	10371	0.35%	0.017%
64	4.587	4.585	4.592	VV	288	1096	0.04%	0.002%
65	4.616	4.592	4.640	VV	6857	76705	2.58%	0.127%
66	4.656	4.640	4.679	VV	1412	17224	0.58%	0.028%
67	4.697	4.679	4.713	VV	729	9846	0.33%	0.016%
68	4.729	4.713	4.752	VV	553	7483	0.25%	0.012%
69	4.782	4.752	4.820	VV	9628	112931	3.79%	0.186%
70	4.828	4.820	4.844	VV	905	11461	0.39%	0.019%
71	4.856	4.844	4.882	VV	901	17435	0.59%	0.029%
72	4.903	4.882	4.916	VV	2054	24651	0.83%	0.041%
73	4.926	4.916	4.945	VV	1257	14820	0.50%	0.024%
74	4.958	4.945	4.974	VV	563	8775	0.29%	0.014%
75	4.980	4.974	4.997	VV	680	6560	0.22%	0.011%
76	5.037	4.997	5.051	VV	977	17958	0.60%	0.030%
77	5.081	5.051	5.105	VV	925	20785	0.70%	0.034%
78	5.129	5.105	5.165	VV	1566	27296	0.92%	0.045%
79	5.201	5.165	5.219	VV	532	10901	0.37%	0.018%
80	5.223	5.219	5.229	VV	251	1292	0.04%	0.002%
81	5.233	5.229	5.256	VV	315	2667	0.09%	0.004%
82	5.275	5.256	5.279	PV	282	2373	0.08%	0.004%
83	5.298	5.279	5.312	VV	738	9596	0.32%	0.016%
84	5.330	5.312	5.356	VV	980	14321	0.48%	0.024%
85	5.373	5.356	5.392	VV	1119	13758	0.46%	0.023%
86	5.405	5.392	5.423	VV	771	10469	0.35%	0.017%
87	5.441	5.423	5.478	VV	837	16958	0.57%	0.028%
88	5.482	5.478	5.486	VV	201	747	0.03%	0.001%
89	5.497	5.486	5.519	VV	284	3389	0.11%	0.006%

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	5.541	5.519	5.552	VV	356	5040	0.17%	0.008%
91	5.570	5.552	5.594	VV	1082	17193		
92	5.611	5.594	5.661	VV	1069	22916		
93	5.681	5.661	5.697	VV	340	5041		
94	5.701	5.697	5.717	VV	275	2120		
95	5.724	5.717	5.740	VV	157	1247		
96	5.761	5.740	5.826	PV	5298	73650	2.47%	0.121%
97	5.835	5.826	5.860	VV	260	3542	0.12%	0.006%
98	5.882	5.860	5.905	VV	506	8829	0.30%	0.015%
99	5.909	5.905	5.912	VV	299	1073	0.04%	0.002%
100	5.953	5.912	5.998	VV	1159	29616	1.00%	0.049%
101	6.001	5.998	6.005	VV	340	1419	0.05%	0.002%
102	6.024	6.005	6.041	VV	581	9348	0.31%	0.015%
103	6.076	6.041	6.098	VV	1162	26268	0.88%	0.043%
104	6.115	6.098	6.146	VV	779	14333	0.48%	0.024%
105	6.153	6.146	6.169	VV	557	5550	0.19%	0.009%
106	6.175	6.169	6.218	VV	390	8349	0.28%	0.014%
107	6.239	6.218	6.268	VV	699	13207	0.44%	0.022%
108	6.296	6.268	6.317	VV	875	14303	0.48%	0.024%
109	6.343	6.317	6.422	VV	2968	71972	2.42%	0.119%
110	6.439	6.422	6.467	VV	1147	17091	0.57%	0.028%
111	6.487	6.467	6.495	VV	967	11239	0.38%	0.019%
112	6.506	6.495	6.553	VV	1193	20385	0.68%	0.034%
113	6.588	6.553	6.617	VV	809	18086	0.61%	0.030%
114	6.642	6.617	6.680	VV	650	18154	0.61%	0.030%
115	6.701	6.680	6.730	VV	626	15611	0.52%	0.026%
116	6.741	6.730	6.756	VV	527	6971	0.23%	0.011%
117	6.762	6.756	6.776	VV	445	3669	0.12%	0.006%
118	6.797	6.776	6.864	VV	3032	39428	1.32%	0.065%
119	6.885	6.864	6.898	PV	275	3446	0.12%	0.006%
120	6.906	6.898	6.910	VV	328	1918	0.06%	0.003%
121	6.925	6.910	6.932	VV	371	3703	0.12%	0.006%
122	6.951	6.932	6.976	VV	1522	18020	0.61%	0.030%
123	6.990	6.976	7.002	VV	454	4582	0.15%	0.008%
124	7.006	7.002	7.018	VV	314	2490	0.08%	0.004%
125	7.023	7.018	7.046	VV	303	2804	0.09%	0.005%
126	7.060	7.046	7.072	VV	379	4367	0.15%	0.007%
127	7.085	7.072	7.105	VV	449	5600	0.19%	0.009%
128	7.129	7.105	7.153	VV	574	9379	0.32%	0.015%
129	7.165	7.153	7.178	VV	382	3956	0.13%	0.007%
130	7.207	7.178	7.229	VV	562	9905	0.33%	0.016%
131	7.249	7.229	7.257	VV	280	3595	0.12%	0.006%
132	7.272	7.257	7.291	VV	320	4452	0.15%	0.007%
133	7.311	7.291	7.325	VV	487	6618	0.22%	0.011%
134	7.334	7.325	7.357	VV	546	8137	0.27%	0.013%
135	7.372	7.357	7.399	VV	630	10206	0.34%	0.017%
136	7.422	7.399	7.429	VV	720	7600	0.26%	0.013%
137	7.447	7.429	7.467	VV	1948	30667	1.03%	0.051%
138	7.484	7.467	7.503	VV	2900	39308	1.32%	0.065%
139	7.522	7.503	7.556	VV	2152	33141	1.11%	0.055%
140	7.581	7.556	7.614	VV	3036	45356	1.52%	0.075%
141	7.622	7.614	7.659	VV	635	13040	0.44%	0.022%

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

0.17% 0.008%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rt	er		
142	7.672	7.659	7.684	VV	569	6717	0.23%	0.011%
143	7.701	7.684	7.714	VV	611	8461		
144	7.750	7.714	7.781	VV	3036	51629		
145	7.798	7.781	7.817	VV	510	8746		
146	7.834	7.817	7.856	VV	483	8409		
147	7.873	7.856	7.898	VV	335	6278		
148	7.927	7.898	7.960	VV	720	13780	0.46%	0.023%
149	7.982	7.960	7.998	VV	261	3158	0.11%	0.005%
150	8.018	7.998	8.022	VV	208	1921	0.06%	0.003%
151	8.040	8.022	8.061	VV	878	11226	0.38%	0.019%
152	8.067	8.061	8.077	VV	243	1802	0.06%	0.003%
153	8.096	8.077	8.112	VV	495	6985	0.23%	0.012%
154	8.123	8.112	8.150	VV	233	3888	0.13%	0.006%
155	8.192	8.150	8.200	PV	972	14539	0.49%	0.024%
156	8.211	8.200	8.226	VV	1197	15231	0.51%	0.025%
157	8.237	8.226	8.264	VV	867	11950	0.40%	0.020%
158	8.278	8.264	8.301	VV	524	8505	0.29%	0.014%
159	8.327	8.301	8.345	VV	1069	18819	0.63%	0.031%
160	8.355	8.345	8.372	VV	1061	14975	0.50%	0.025%
161	8.385	8.372	8.411	VV	864	13706	0.46%	0.023%
162	8.415	8.411	8.425	VV	305	2249	0.08%	0.004%
163	8.455	8.425	8.499	VV	3135	62207	2.09%	0.103%
164	8.522	8.499	8.529	VV	623	10577	0.36%	0.017%
165	8.564	8.529	8.580	VV	5308	73663	2.48%	0.121%
166	8.593	8.580	8.611	VV	2982	41763	1.40%	0.069%
167	8.636	8.611	8.666	VV	6060	90979	3.06%	0.150%
168	8.682	8.666	8.698	VV	1130	18115	0.61%	0.030%
169	8.751	8.698	8.784	VV	7780	157111	5.28%	0.259%
170	8.798	8.784	8.830	VV	2969	46432	1.56%	0.077%
171	8.844	8.830	8.873	VV	1075	20331	0.68%	0.034%
172	8.889	8.873	8.953	VV	878	23592	0.79%	0.039%
173	8.969	8.953	8.979	PV	323	2650	0.09%	0.004%
174	9.001	8.979	9.017	VV	862	12910	0.43%	0.021%
175	9.050	9.017	9.080	VV	7156	101126	3.40%	0.167%
176	9.100	9.080	9.121	VV	3239	51307	1.72%	0.085%
177	9.134	9.121	9.149	VV	1660	24492	0.82%	0.040%
178	9.179	9.149	9.205	VV	5796	87076	2.93%	0.144%
179	9.234	9.205	9.246	VV	1191	20827	0.70%	0.034%
180	9.260	9.246	9.278	VV	1008	16399	0.55%	0.027%
181	9.295	9.278	9.313	VV	2434	32087	1.08%	0.053%
182	9.332	9.313	9.356	VV	2307	36894	1.24%	0.061%
183	9.364	9.356	9.379	VV	1101	13409	0.45%	0.022%
184	9.396	9.379	9.401	VV	954	11380	0.38%	0.019%
185	9.416	9.401	9.443	VV	1466	25769	0.87%	0.043%
186	9.467	9.443	9.490	VV	13326	161367	5.42%	0.266%
187	9.506	9.490	9.539	VV	3327	47865	1.61%	0.079%
188	9.554	9.539	9.579	VV	710	9235	0.31%	0.015%
189	9.593	9.579	9.600	PV	329	2838	0.10%	0.005%
190	9.621	9.600	9.640	VV	3037	35070	1.18%	0.058%
191	9.657	9.640	9.689	VV	2026	24777	0.83%	0.041%
192	9.709	9.689	9.724	VV	1088	12558	0.42%	0.021%
193	9.760	9.724	9.788	VV	2571	38585	1.30%	0.064%
194	9.805	9.788	9.822	VV	981	11621	0.39%	0.019%

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

195	9.848	9.822	9.901	VV	6944	135516	4.55%	0.223%
196	9.923	9.901	9.958	VV	5267	104631		
197	9.976	9.958	9.984	VV	2825	38566		
198	9.997	9.984	10.014	VV	3441	53066		
199	10.028	10.014	10.044	VV	3494	45766		
200	10.054	10.044	10.077	VV	1990	29172		
201	10.088	10.077	10.100	VV	1071	12340	0.41%	0.020%
202	10.127	10.100	10.156	VV	27883	371941	12.50%	0.613%
203	10.170	10.156	10.195	VV	6531	113933	3.83%	0.188%
204	10.206	10.195	10.233	VV	3487	71158	2.39%	0.117%
205	10.253	10.233	10.319	VV	22284	361078	12.13%	0.596%
206	10.335	10.319	10.349	VV	2925	43435	1.46%	0.072%
207	10.360	10.349	10.404	VV	2423	42455	1.43%	0.070%
208	10.429	10.404	10.458	VV	1396	28116	0.94%	0.046%
209	10.462	10.458	10.512	VV	795	16419	0.55%	0.027%
210	10.532	10.512	10.549	PV	946	11268	0.38%	0.019%
211	10.600	10.549	10.619	VV	4718	75047	2.52%	0.124%
212	10.645	10.619	10.677	VV	13135	203156	6.83%	0.335%
213	10.708	10.677	10.721	VV	4644	85825	2.88%	0.142%
214	10.735	10.721	10.761	VV	6308	94848	3.19%	0.156%
215	10.788	10.761	10.819	VV	5506	101788	3.42%	0.168%
216	10.854	10.819	10.874	PV	3538	56153	1.89%	0.093%
217	10.879	10.874	10.892	VV	1352	12574	0.42%	0.021%
218	10.919	10.892	10.961	VV	7400	152804	5.13%	0.252%
219	10.998	10.961	11.019	VV	34015	434599	14.60%	0.717%
220	11.022	11.019	11.039	VV	6917	61750	2.07%	0.102%
221	11.070	11.039	11.102	VV	29613	488240	16.40%	0.805%
222	11.116	11.102	11.144	VV	2963	55616	1.87%	0.092%
223	11.161	11.144	11.177	VV	2312	27003	0.91%	0.045%
224	11.193	11.177	11.215	VV	1523	24218	0.81%	0.040%
225	11.261	11.215	11.307	VV	114801	1443844	48.51%	2.381%
226	11.339	11.307	11.364	VV	24626	381963	12.83%	0.630%
227	11.392	11.364	11.436	VV	7313	178649	6.00%	0.295%
228	11.455	11.436	11.471	VV	3740	41987	1.41%	0.069%
229	11.477	11.471	11.492	VV	1266	10796	0.36%	0.018%
230	11.511	11.492	11.541	VV	2793	45223	1.52%	0.075%
231	11.564	11.541	11.594	VV	9220	155507	5.23%	0.256%
232	11.609	11.594	11.613	VV	1550	14649	0.49%	0.024%
233	11.630	11.613	11.643	VV	2030	28983	0.97%	0.048%
234	11.662	11.643	11.680	VV	3355	55885	1.88%	0.092%
235	11.706	11.680	11.735	VV	38494	467694	15.71%	0.771%
236	11.757	11.735	11.769	VV	2908	48264	1.62%	0.080%
237	11.797	11.769	11.835	VV	29854	462982	15.56%	0.764%
238	11.863	11.835	11.885	PV	4415	57617	1.94%	0.095%
239	11.919	11.885	11.942	VV	3250	68866	2.31%	0.114%
240	11.968	11.942	11.985	VV	3600	62461	2.10%	0.103%
241	11.999	11.985	12.044	VV	4421	97075	3.26%	0.160%
242	12.070	12.044	12.085	VV	26926	321479	10.80%	0.530%
243	12.102	12.085	12.154	VV	35938	596812	20.05%	0.984%
244	12.186	12.154	12.204	VV	21344	365718	12.29%	0.603%
245	12.219	12.204	12.235	VV	17569	221942	7.46%	0.366%
246	12.252	12.235	12.298	VV	21151	310933	10.45%	0.513%

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Project Overview						Financials		Compliance	
Project ID		Project Name		Project Manager		Budget		Status	
P001		Alpha Project		John Doe		\$1,200,000		On Track	
P002		Beta Project		Jane Smith		\$800,000		Delayed	
P003		Gamma Project		Mike Johnson		\$500,000		Completed	
P004		Delta Project		Sarah Lee		\$300,000		On Hold	
P005		Epsilon Project		David Kim		\$200,000		In Progress	
P006		Zeta Project		Emily White		\$150,000		On Track	
P007		Eta Project		Chris Brown		\$100,000		Delayed	
P008		Theta Project		Alex Green		\$75,000		On Track	
P009		Iota Project		Mia Black		\$50,000		Completed	
P010		Kappa Project		Noah Blue		\$25,000		On Hold	
P011		Lambda Project		Olivia Red		\$15,000		In Progress	
P012		Mu Project		Liam Purple		\$10,000		On Track	
P013		Nu Project		Ava Yellow		\$5,000		Delayed	
P014		Xi Project		Ethan Orange		\$2,500		On Track	
P015		Omicron Project		Sophia Silver		\$1,250		Completed	
P016		Pi Project		Jacob Gold		\$625		On Hold	
P017		Rho Project		Isabella Bronze		\$312		In Progress	
P018		Sigma Project		Mason Copper		\$156		On Track	
P019		Tau Project		Charlotte Iron		\$78		Delayed	
P020		Upsilon Project		Benjamin Steel		\$39		On Track	
P021		Phi Project		Victoria Nickel		\$19		Completed	
P022		Chi Project		William Zinc		\$9		On Hold	
P023		Psi Project		Grace Aluminum		\$4		In Progress	
P024		Omega Project		Henry Titanium		\$2		On Track	
P025		Project X		Project Y		Project Z		Project W	
P026		Project V		Project U		Project T		Project S	
P027		Project R		Project Q		Project P		Project O	
P028		Project N		Project M		Project L		Project K	
P029		Project J		Project I		Project H		Project G	
P030		Project F		Project E		Project D		Project C	
P031		Project B		Project A		Project Z		Project Y	
P032		Project X		Project W		Project V		Project U	
P033		Project T		Project S		Project R		Project Q	
P034		Project P		Project O		Project N		Project M	
P035		Project L		Project K		Project J		Project I	
P036		Project H		Project G		Project F		Project E	
P037		Project D		Project C		Project B		Project A	
P038		Project Z		Project Y		Project X		Project W	
P039		Project V		Project U		Project T		Project S	
P040		Project R		Project Q		Project P		Project O	
P041		Project N		Project M		Project L		Project K	
P042		Project J		Project I		Project H		Project G	
P043		Project F		Project E		Project D		Project C	
P044		Project B		Project A		Project Z		Project Y	
P045		Project X		Project W		Project V		Project U	
P046		Project T		Project S		Project R		Project Q	
P047		Project P		Project O		Project N		Project M	
P048		Project L		Project K		Project J		Project I	
P049		Project H		Project G		Project F		Project E	
P050		Project D		Project C		Project B		Project A	
P051		Project Z		Project Y		Project X		Project W	
P052		Project V		Project U		Project T		Project S	
P053		Project R		Project Q		Project P		Project O	
P054		Project N		Project M		Project L		Project K	
P055		Project J		Project I		Project H		Project G	
P056		Project F		Project E		Project D		Project C	
P057		Project B		Project A		Project Z		Project Y	
P058		Project X		Project W		Project V		Project U	
P059		Project T		Project S		Project R		Project Q	
P060		Project P		Project O		Project N		Project M	
P061		Project L		Project K		Project J		Project I	
P062		Project H		Project G		Project F		Project E	
P063		Project D		Project C		Project B		Project A	
P064		Project Z		Project Y		Project X		Project W	
P065		Project V		Project U		Project T		Project S	
P066		Project R		Project Q		Project P		Project O	
P067		Project N		Project M		Project L		Project K	
P068		Project J		Project I		Project H		Project G	
P069		Project F		Project E		Project D		Project C	
P070		Project B		Project A		Project Z		Project Y	
P071</									

Manual IntegrationsAPPROVED

300	14.630	14.610	14.646	VV	10034	185591	6.24%	0.306%
301	14.703	14.646	14.719	VV	15050	484456	16.24%	0.306%
302	14.740	14.719	14.773	VV	29230	520582	17.24%	0.306%
303	14.801	14.773	14.824	VV	27341	466163	15.24%	0.306%
304	14.838	14.824	14.852	VV	11852	178257	5.24%	0.306%
305	14.866	14.852	14.887	VV	11836	207140	6.24%	0.306%
306	14.914	14.887	14.954	VV	31600	767356	25.78%	1.266%
307	14.976	14.954	14.999	VV	39556	638403	21.45%	1.053%
308	15.047	14.999	15.076	VV	31122	899125	30.21%	1.483%
309	15.094	15.076	15.111	VV	11797	222488	7.48%	0.367%
310	15.140	15.111	15.171	VV	84934	1387072	46.61%	2.288%
311	15.176	15.171	15.217	VV	15876	317373	10.66%	0.523%
312	15.248	15.217	15.267	VV	16968	355104	11.93%	0.586%
313	15.293	15.267	15.314	VV	131596	1786263	60.02%	2.946%
314	15.335	15.314	15.367	VV	143215	2061811	69.28%	3.400%
315	15.388	15.367	15.420	VV	13196	364552	12.25%	0.601%
316	15.457	15.420	15.475	VV	26445	550854	18.51%	0.908%
317	15.478	15.475	15.512	VV	17949	270229	9.08%	0.446%
318	15.545	15.512	15.574	VV	17895	433332	14.56%	0.715%
319	15.602	15.574	15.623	VV	24320	442102	14.85%	0.729%
320	15.637	15.623	15.668	VV	15635	358087	12.03%	0.591%
321	15.684	15.668	15.704	VV	11107	196172	6.59%	0.324%
322	15.731	15.704	15.769	VV	36617	770913	25.90%	1.271%
323	15.776	15.769	15.820	VV	12405	251145	8.44%	0.414%
324	15.871	15.820	15.904	VV	21525	570130	19.16%	0.940%
325	15.926	15.904	15.939	VV	13638	263959	8.87%	0.435%
326	15.971	15.939	15.993	VV	43372	701074	23.56%	1.156%
327	16.010	15.993	16.034	VV	23101	343044	11.53%	0.566%
328	16.053	16.034	16.074	VV	12617	230706	7.75%	0.380%
329	16.080	16.074	16.084	VV	10539	54779	1.84%	0.090%
330	16.089	16.084	16.096	VV	10076	67031	2.25%	0.111%
331	16.133	16.096	16.169	VV	22295	687665	23.11%	1.134%
332	16.202	16.169	16.240	VV	14340	452354	15.20%	0.746%
333	16.260	16.240	16.277	VV	8547	132942	4.47%	0.219%
334	16.300	16.277	16.334	VV	9659	180180	6.05%	0.297%
335	16.370	16.334	16.394	VV	19478	420905	14.14%	0.694%
336	16.410	16.394	16.452	VV	11319	218806	7.35%	0.361%
337	16.475	16.452	16.494	PV	5170	54309	1.82%	0.090%
338	16.505	16.494	16.524	VV	3108	30405	1.02%	0.050%
339	16.545	16.524	16.553	VV	6917	75355	2.53%	0.124%
340	16.577	16.553	16.593	VV	13369	239163	8.04%	0.394%
341	16.610	16.593	16.637	VV	10916	194456	6.53%	0.321%
342	16.656	16.637	16.667	VV	12394	161339	5.42%	0.266%
343	16.682	16.667	16.700	VV	12148	200474	6.74%	0.331%
344	16.747	16.700	16.759	VV	12649	324654	10.91%	0.535%
345	16.777	16.759	16.794	VV	15200	222380	7.47%	0.367%
346	16.811	16.794	16.826	VV	9651	131784	4.43%	0.217%
347	16.866	16.826	16.885	VV	165143	2431948	81.71%	4.011%
348	16.894	16.885	16.933	VV	67835	838204	28.16%	1.382%
349	16.943	16.933	16.961	VV	5083	65321	2.19%	0.108%
350	16.965	16.961	16.971	VV	2814	12946	0.43%	0.021%
351	16.998	16.971	17.017	VV	34997	492532	16.55%	0.812%

Instrument :

FID_G

ClientSampleId :

B50-SP13-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

	rt	Area	Height	Area%	Height%			
352	17.030	17.017	17.050	VV	12952	177956	5.98%	0.293%
353	17.059	17.050	17.075	VV	7169	89480		
354	17.091	17.075	17.110	VV	8431	117751		
355	17.127	17.110	17.138	VV	8255	106667		
356	17.190	17.138	17.221	VV	114012	1746609	58.28%	1.143%
357	17.250	17.221	17.295	VV	128258	1770580	59.30%	1.146%
358	17.352	17.295	17.383	VV	35461	692845	23.28%	1.143%
359	17.405	17.383	17.441	PV	5748	88488	2.97%	0.146%
360	17.460	17.441	17.473	PV	4274	41961	1.41%	0.069%
361	17.492	17.473	17.500	PBA	3541	56258	1.89%	0.093%
Sum of corrected areas:						60633901		

Instrument :
FID_G
ClientSampleId :
B50-SP13-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

FG120125.M Fri Dec 05 03:52:34 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/20/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025		SDG No.:	Q3741
Lab Sample ID:	Q3741-03		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	87.3
Sample Wt/Vol:	30.07 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	213000		10	1930	19000	ug/kg	12/05/25 13:23	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	1.71			37 - 130	86%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017090.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 13:23
Operator : YP\AJ
Sample : Q3741-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Dec 10 00:49:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.142	177707	1.708 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

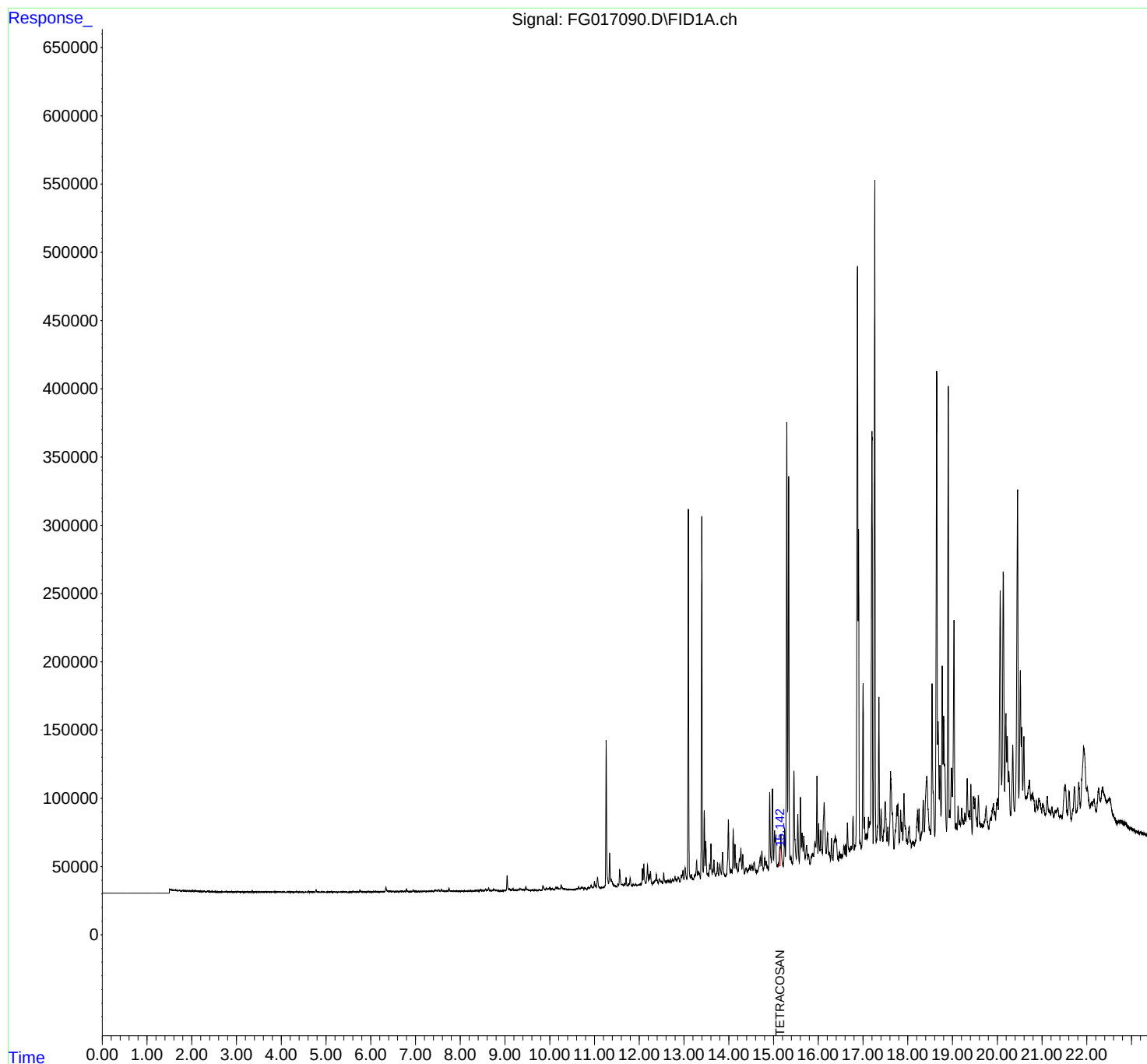
(m)=manual int.

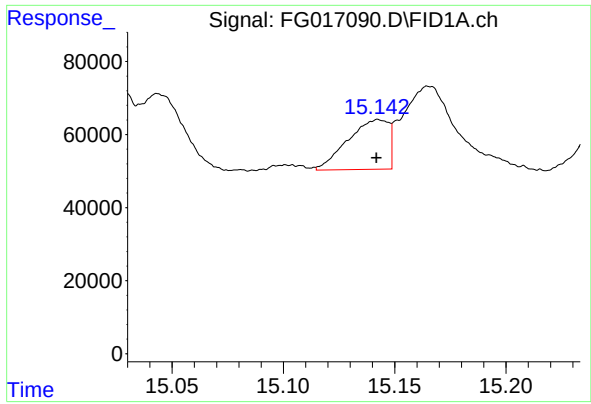
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017090.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 13:23
Operator : YP\AJ
Sample : Q3741-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Dec 10 00:49:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.142 min
Delta R.T.: 0.000 min
Response: 177707
Conc: 1.71 ug/ml

Instrument :
FID_G
ClientSampleId :

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/24/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425		SDG No.:	Q3741
Lab Sample ID:	Q3741-04		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	85.2
Sample Wt/Vol:	30.02 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	4680		1	198	1960	ug/kg	12/04/25 23:13	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	9.57			37 - 130	48%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017081.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:13
Operator : YP\AJ
Sample : Q3741-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B50-SP9-112425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.138	996221	9.573 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017081.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:13
Operator : YP\AJ
Sample : Q3741-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

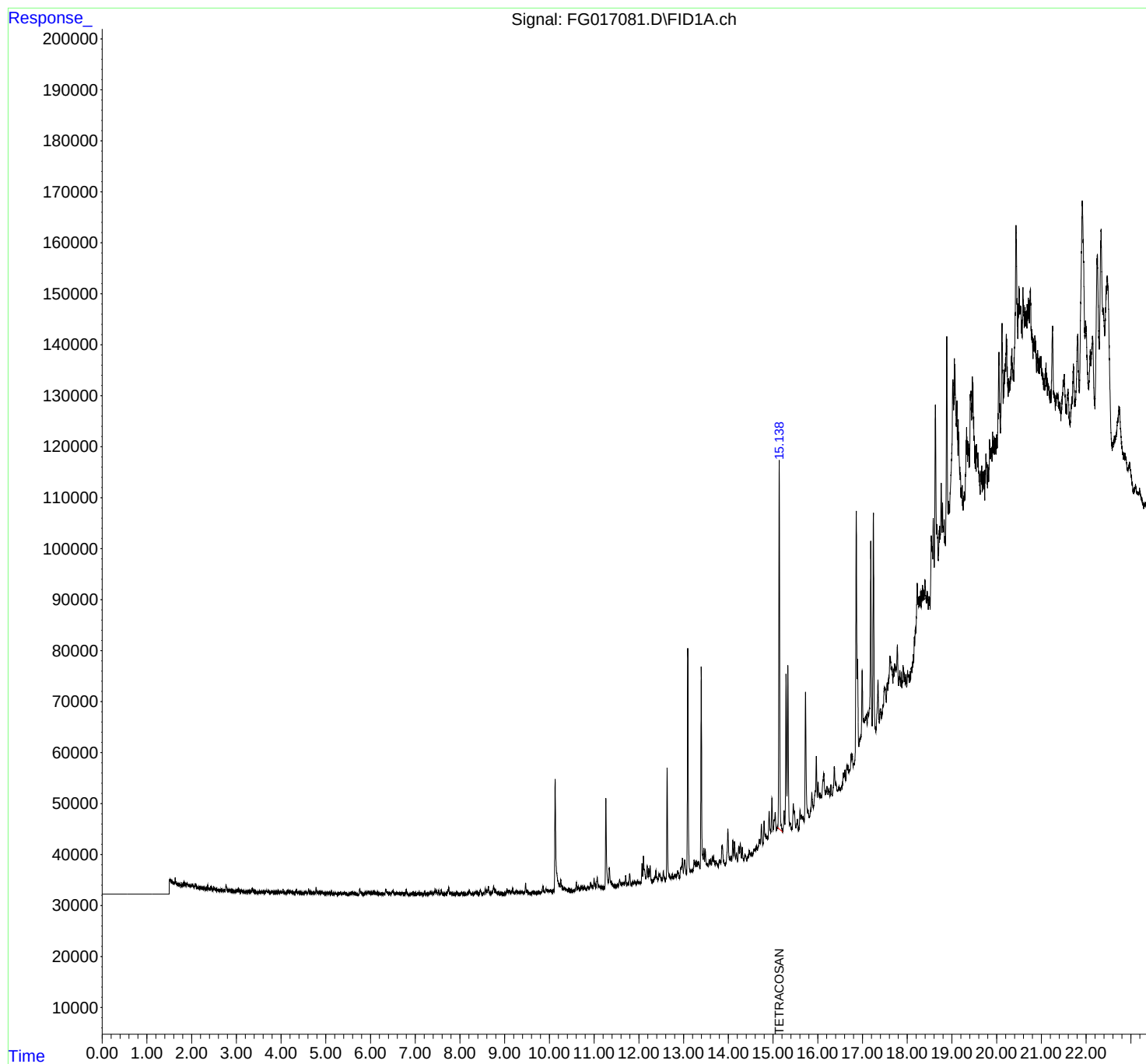
Instrument :
FID_G
ClientSampleId :
B50-SP9-112425

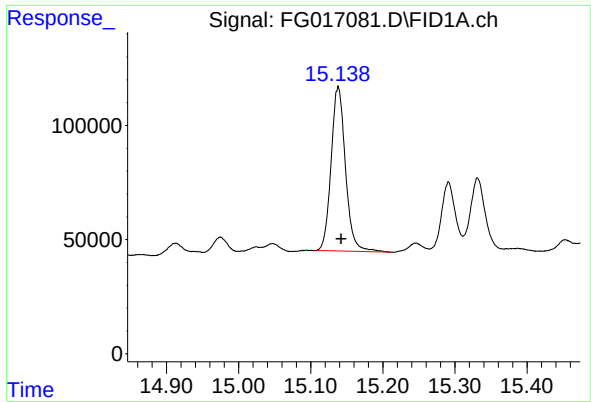
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.138 min
Delta R.T.: -0.004 min
Response: 996221
Conc: 9.57 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP9-112425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

rteres

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017081.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:13
Sample : Q3741-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.224	2.212	2.260	BV	52	1257	0.11%	0.008%
2	2.280	2.260	2.300	PV	246	3090	0.27%	0.021%
3	2.302	2.300	2.335	VV	165	1917	0.17%	0.013%
4	2.358	2.335	2.394	PV	872	11738	1.03%	0.078%
5	2.432	2.394	2.477	VV	708	12836	1.13%	0.085%
6	2.496	2.477	2.512	PV	636	7055	0.62%	0.047%
7	2.527	2.512	2.544	VV	354	4271	0.37%	0.028%
8	2.546	2.544	2.566	VV	145	1531	0.13%	0.010%
9	2.568	2.566	2.590	VV	164	1298	0.11%	0.009%
10	2.596	2.590	2.604	VV	90	583	0.05%	0.004%
11	2.608	2.604	2.621	VV	106	576	0.05%	0.004%
12	2.625	2.621	2.640	PV	90	431	0.04%	0.003%
13	2.660	2.640	2.678	PV	368	4810	0.42%	0.032%
14	2.680	2.678	2.693	VV	254	1469	0.13%	0.010%
15	2.698	2.693	2.724	VV	152	1813	0.16%	0.012%
16	2.729	2.724	2.738	VV	132	544	0.05%	0.004%
17	2.743	2.738	2.747	VV	108	398	0.03%	0.003%
18	2.769	2.747	2.811	VV	1201	21202	1.86%	0.141%
19	2.815	2.811	2.827	VV	154	1482	0.13%	0.010%
20	2.836	2.827	2.874	VV	264	4668	0.41%	0.031%
21	2.895	2.874	2.922	VV	251	4389	0.38%	0.029%
22	2.930	2.922	2.941	VV	190	1249	0.11%	0.008%
23	2.945	2.941	2.955	VV	104	464	0.04%	0.003%
24	2.965	2.955	2.971	VV	134	682	0.06%	0.005%
25	2.988	2.971	3.017	VV	317	4569	0.40%	0.030%
26	3.020	3.017	3.025	VV	203	628	0.06%	0.004%
27	3.046	3.025	3.082	VV	859	11713	1.03%	0.078%
28	3.095	3.082	3.104	VV	172	1261	0.11%	0.008%
29	3.111	3.104	3.116	PV	172	1065	0.09%	0.007%
30	3.131	3.116	3.151	VV	290	4491	0.39%	0.030%
31	3.159	3.151	3.184	VV	207	2032	0.18%	0.014%
32	3.186	3.184	3.190	VV	59	117	0.01%	0.001%
33	3.195	3.190	3.199	VV	103	432	0.04%	0.003%
34	3.216	3.199	3.239	PV	246	3386	0.30%	0.022%
35	3.244	3.239	3.249	VV	176	612	0.05%	0.004%
36	3.274	3.249	3.300	VV	351	5539	0.49%	0.037%

					riteres			
37	3.306	3.300	3.333	VV	126	1592	0.14%	0.011%
38	3.353	3.333	3.386	VV	922	15266		
39	3.394	3.386	3.415	VV	309	3767		
40	3.420	3.415	3.434	VV	132	1218		
41	3.440	3.434	3.452	VV	190	807		
42	3.477	3.452	3.483	VV	150	1557		
43	3.496	3.483	3.510	VV	194	1972	0.17%	0.013%
44	3.528	3.510	3.553	VV	296	3662	0.32%	0.024%
45	3.577	3.553	3.612	VV	298	5438	0.48%	0.036%
46	3.633	3.612	3.637	VV	209	1950	0.17%	0.013%
47	3.642	3.637	3.655	VV	249	1870	0.16%	0.012%
48	3.671	3.655	3.698	VV	464	7681	0.67%	0.051%
49	3.710	3.698	3.738	VV	376	5603	0.49%	0.037%
50	3.746	3.738	3.767	VV	214	2370	0.21%	0.016%
51	3.773	3.767	3.780	VV	150	778	0.07%	0.005%
52	3.805	3.780	3.827	VV	444	6729	0.59%	0.045%
53	3.830	3.827	3.835	VV	217	905	0.08%	0.006%
54	3.841	3.835	3.861	VV	231	2726	0.24%	0.018%
55	3.864	3.861	3.871	VV	208	991	0.09%	0.007%
56	3.878	3.871	3.899	VV	180	2810	0.25%	0.019%
57	3.912	3.899	3.921	VV	292	2761	0.24%	0.018%
58	3.926	3.921	3.933	VV	254	1629	0.14%	0.011%
59	3.944	3.933	3.962	VV	443	5190	0.45%	0.034%
60	3.967	3.962	3.977	VV	222	1622	0.14%	0.011%
61	3.993	3.977	4.013	VV	460	5241	0.46%	0.035%
62	4.044	4.013	4.067	PV	852	10409	0.91%	0.069%
63	4.084	4.067	4.104	VV	162	2110	0.18%	0.014%
64	4.131	4.104	4.137	VV	255	2321	0.20%	0.015%
65	4.152	4.137	4.170	VV	432	5705	0.50%	0.038%
66	4.190	4.170	4.210	VV	474	8081	0.71%	0.054%
67	4.213	4.210	4.229	VV	332	3013	0.26%	0.020%
68	4.234	4.229	4.238	VV	249	1137	0.10%	0.008%
69	4.250	4.238	4.260	VV	309	3261	0.29%	0.022%
70	4.264	4.260	4.292	VV	316	3404	0.30%	0.023%
71	4.295	4.292	4.308	VV	159	1307	0.11%	0.009%
72	4.316	4.308	4.321	VV	193	1220	0.11%	0.008%
73	4.338	4.321	4.371	VV	820	13259	1.16%	0.088%
74	4.380	4.371	4.407	VV	367	5193	0.46%	0.035%
75	4.423	4.407	4.445	VV	334	4503	0.39%	0.030%
76	4.453	4.445	4.483	VV	209	3071	0.27%	0.020%
77	4.510	4.483	4.515	VV	218	2375	0.21%	0.016%
78	4.526	4.515	4.535	VV	236	2007	0.18%	0.013%
79	4.554	4.535	4.579	VV	261	4538	0.40%	0.030%
80	4.586	4.579	4.592	VV	133	889	0.08%	0.006%
81	4.616	4.592	4.643	VV	1048	13134	1.15%	0.087%
82	4.654	4.643	4.677	VV	417	5132	0.45%	0.034%
83	4.695	4.677	4.713	VV	291	3543	0.31%	0.024%
84	4.729	4.713	4.758	VV	310	4232	0.37%	0.028%
85	4.783	4.758	4.815	VV	1246	17950	1.57%	0.119%
86	4.834	4.815	4.844	VV	364	5560	0.49%	0.037%
87	4.853	4.844	4.859	VV	359	2786	0.24%	0.019%
88	4.867	4.859	4.886	VV	398	3868	0.34%	0.026%
89	4.902	4.886	4.914	VV	512	6079	0.53%	0.040%

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	4.928	4.914	4.948	VV	349	5028	0.44%	0.033%
91	4.953	4.948	4.966	VV	188	1776		
92	4.976	4.966	4.996	VV	264	3357		
93	5.011	4.996	5.018	VV	223	2443		
94	5.038	5.018	5.053	VV	426	5497		
95	5.058	5.053	5.064	VV	191	1272		
96	5.083	5.064	5.103	VV	401	5725	0.50%	0.038%
97	5.120	5.103	5.153	VV	558	9478	0.83%	0.063%
98	5.163	5.153	5.185	VV	158	1900	0.17%	0.013%
99	5.200	5.185	5.228	VV	300	4079	0.36%	0.027%
100	5.232	5.228	5.257	VV	145	1038	0.09%	0.007%
101	5.276	5.257	5.294	PV	211	3238	0.28%	0.022%
102	5.298	5.294	5.315	VV	243	1967	0.17%	0.013%
103	5.328	5.315	5.357	VV	441	6308	0.55%	0.042%
104	5.376	5.357	5.393	VV	396	4814	0.42%	0.032%
105	5.409	5.393	5.429	PV	454	6279	0.55%	0.042%
106	5.440	5.429	5.456	VV	293	3834	0.34%	0.025%
107	5.461	5.456	5.479	VV	197	1877	0.16%	0.012%
108	5.482	5.479	5.487	VV	100	375	0.03%	0.002%
109	5.499	5.487	5.521	VV	157	2027	0.18%	0.013%
110	5.535	5.521	5.554	VV	240	2398	0.21%	0.016%
111	5.570	5.554	5.592	VV	550	8054	0.71%	0.054%
112	5.617	5.592	5.635	VV	411	8353	0.73%	0.055%
113	5.638	5.635	5.658	VV	273	2200	0.19%	0.015%
114	5.663	5.658	5.676	VV	135	1032	0.09%	0.007%
115	5.680	5.676	5.693	VV	116	780	0.07%	0.005%
116	5.697	5.693	5.714	VV	150	1405	0.12%	0.009%
117	5.721	5.714	5.736	VV	116	679	0.06%	0.005%
118	5.761	5.736	5.783	PV	1243	16559	1.45%	0.110%
119	5.791	5.783	5.824	VV	587	7100	0.62%	0.047%
120	5.835	5.824	5.859	VV	173	2855	0.25%	0.019%
121	5.875	5.859	5.882	VV	462	4538	0.40%	0.030%
122	5.886	5.882	5.912	VV	440	7241	0.63%	0.048%
123	5.923	5.912	5.933	VV	434	4672	0.41%	0.031%
124	5.954	5.933	5.979	VV	705	14059	1.23%	0.093%
125	5.988	5.979	6.005	VV	464	5192	0.46%	0.034%
126	6.019	6.005	6.037	VV	415	6321	0.55%	0.042%
127	6.057	6.037	6.070	VV	703	9231	0.81%	0.061%
128	6.075	6.070	6.097	VV	550	6042	0.53%	0.040%
129	6.114	6.097	6.136	VV	424	6691	0.59%	0.044%
130	6.153	6.136	6.172	VV	527	6675	0.59%	0.044%
131	6.177	6.172	6.198	VV	236	2904	0.25%	0.019%
132	6.205	6.198	6.223	VV	220	2359	0.21%	0.016%
133	6.239	6.223	6.261	VV	340	5131	0.45%	0.034%
134	6.271	6.261	6.276	VV	156	1150	0.10%	0.008%
135	6.300	6.276	6.316	VV	318	5324	0.47%	0.035%
136	6.341	6.316	6.367	VV	1234	20325	1.78%	0.135%
137	6.371	6.367	6.396	VV	532	7407	0.65%	0.049%
138	6.401	6.396	6.414	VV	431	3030	0.27%	0.020%
139	6.439	6.414	6.461	VV	475	7716	0.68%	0.051%
140	6.485	6.461	6.497	VV	743	10023	0.88%	0.067%
141	6.506	6.497	6.540	VV	830	12615	1.11%	0.084%

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

0.44% 0.033%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

142	6.543	6.540	6.549	VV	242	923	0.08%	0.006%
143	6.566	6.549	6.576	VV	372	4146		
144	6.593	6.576	6.603	VV	388	4951		
145	6.621	6.603	6.629	VV	360	4338		
146	6.638	6.629	6.652	VV	303	3637		
147	6.684	6.652	6.700	VV	329	7871		
148	6.724	6.700	6.775	VV	410	13338	1.17%	0.089%
149	6.797	6.775	6.849	VV	1152	17412	1.53%	0.116%
150	6.857	6.849	6.864	VV	104	467	0.04%	0.003%
151	6.887	6.864	6.897	VV	176	2064	0.18%	0.014%
152	6.922	6.897	6.934	VV	299	4758	0.42%	0.032%
153	6.950	6.934	6.981	VV	620	8579	0.75%	0.057%
154	7.009	6.981	7.014	VV	343	4749	0.42%	0.032%
155	7.018	7.014	7.040	VV	332	3206	0.28%	0.021%
156	7.060	7.040	7.072	VV	419	5072	0.44%	0.034%
157	7.083	7.072	7.106	VV	625	6811	0.60%	0.045%
158	7.129	7.106	7.136	VV	340	4029	0.35%	0.027%
159	7.140	7.136	7.152	VV	271	2043	0.18%	0.014%
160	7.160	7.152	7.181	VV	261	2644	0.23%	0.018%
161	7.209	7.181	7.236	VV	868	11769	1.03%	0.078%
162	7.249	7.236	7.272	VV	206	3321	0.29%	0.022%
163	7.283	7.272	7.286	VV	216	1366	0.12%	0.009%
164	7.292	7.286	7.303	VV	241	2139	0.19%	0.014%
165	7.333	7.303	7.357	VV	452	9843	0.86%	0.065%
166	7.373	7.357	7.405	VV	551	10097	0.89%	0.067%
167	7.445	7.405	7.466	VV	1036	20615	1.81%	0.137%
168	7.480	7.466	7.503	VV	760	11942	1.05%	0.079%
169	7.521	7.503	7.556	VV	954	15951	1.40%	0.106%
170	7.581	7.556	7.611	VV	1004	16830	1.48%	0.112%
171	7.618	7.611	7.638	VV	320	4591	0.40%	0.031%
172	7.643	7.638	7.654	VV	282	2143	0.19%	0.014%
173	7.656	7.654	7.671	VV	264	2086	0.18%	0.014%
174	7.695	7.671	7.710	VV	347	5584	0.49%	0.037%
175	7.730	7.710	7.736	VV	946	9825	0.86%	0.065%
176	7.751	7.736	7.777	VV	1549	21813	1.91%	0.145%
177	7.791	7.777	7.798	VV	443	4730	0.41%	0.031%
178	7.800	7.798	7.811	VV	421	2392	0.21%	0.016%
179	7.822	7.811	7.855	VV	412	7729	0.68%	0.051%
180	7.876	7.855	7.894	VV	274	4532	0.40%	0.030%
181	7.899	7.894	7.904	VV	219	1084	0.10%	0.007%
182	7.928	7.904	7.974	VV	608	13640	1.20%	0.091%
183	7.978	7.974	7.994	VV	239	2246	0.20%	0.015%
184	8.039	7.994	8.059	PV	646	10327	0.91%	0.069%
185	8.064	8.059	8.076	VV	258	1979	0.17%	0.013%
186	8.094	8.076	8.112	VV	329	4629	0.41%	0.031%
187	8.129	8.112	8.145	VV	252	3569	0.31%	0.024%
188	8.148	8.145	8.155	VV	159	886	0.08%	0.006%
189	8.186	8.155	8.197	VV	536	9034	0.79%	0.060%
190	8.211	8.197	8.232	VV	870	12181	1.07%	0.081%
191	8.235	8.232	8.262	VV	411	4913	0.43%	0.033%
192	8.277	8.262	8.298	VV	355	4871	0.43%	0.032%
193	8.329	8.298	8.347	VV	478	8143	0.71%	0.054%
194	8.367	8.347	8.382	VV	570	9400	0.82%	0.062%

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

195	8.386	8.382	8.406	VV	561	5385	0.47%	0.036%
196	8.410	8.406	8.417	VV	220	1364		
197	8.421	8.417	8.429	VV	255	1591		
198	8.456	8.429	8.503	VV	969	20782		
199	8.524	8.503	8.530	VV	289	3948		
200	8.564	8.530	8.580	VV	1248	19073		
201	8.595	8.580	8.613	VV	830	12705	1.11%	0.084%
202	8.636	8.613	8.665	VV	1684	28264	2.48%	0.188%
203	8.679	8.665	8.700	VV	455	7154	0.63%	0.048%
204	8.752	8.700	8.784	VV	1771	41692	3.65%	0.277%
205	8.799	8.784	8.819	VV	843	12262	1.07%	0.081%
206	8.827	8.819	8.844	VV	364	4816	0.42%	0.032%
207	8.861	8.844	8.887	VV	369	7160	0.63%	0.048%
208	8.892	8.887	8.912	VV	258	2857	0.25%	0.019%
209	8.919	8.912	8.955	VV	227	2991	0.26%	0.020%
210	8.964	8.955	8.971	VV	166	1065	0.09%	0.007%
211	8.975	8.971	8.986	VV	135	806	0.07%	0.005%
212	9.003	8.986	9.027	PV	353	5354	0.47%	0.036%
213	9.051	9.027	9.083	VV	1121	19869	1.74%	0.132%
214	9.098	9.083	9.126	VV	828	14812	1.30%	0.098%
215	9.131	9.126	9.152	VV	585	7125	0.62%	0.047%
216	9.178	9.152	9.217	VV	1233	21961	1.93%	0.146%
217	9.257	9.217	9.279	VV	703	15612	1.37%	0.104%
218	9.295	9.279	9.311	VV	616	7913	0.69%	0.053%
219	9.332	9.311	9.353	VV	488	8509	0.75%	0.057%
220	9.370	9.353	9.408	VV	415	11049	0.97%	0.073%
221	9.423	9.408	9.441	VV	374	5695	0.50%	0.038%
222	9.468	9.441	9.493	VV	2097	29207	2.56%	0.194%
223	9.507	9.493	9.546	VV	715	11926	1.05%	0.079%
224	9.555	9.546	9.575	VV	179	2241	0.20%	0.015%
225	9.588	9.575	9.599	VV	171	1607	0.14%	0.011%
226	9.623	9.599	9.644	VV	590	7419	0.65%	0.049%
227	9.659	9.644	9.689	VV	436	6192	0.54%	0.041%
228	9.710	9.689	9.733	VV	243	3814	0.33%	0.025%
229	9.758	9.733	9.792	VV	600	7666	0.67%	0.051%
230	9.808	9.792	9.826	PV	452	5459	0.48%	0.036%
231	9.855	9.826	9.884	VV	1414	27429	2.40%	0.182%
232	9.888	9.884	9.905	VV	320	2953	0.26%	0.020%
233	9.923	9.905	9.937	VV	938	12043	1.06%	0.080%
234	9.944	9.937	9.967	VV	622	8161	0.72%	0.054%
235	9.994	9.967	10.010	VV	486	10044	0.88%	0.067%
236	10.027	10.010	10.047	VV	603	8990	0.79%	0.060%
237	10.050	10.047	10.069	VV	330	3430	0.30%	0.023%
238	10.090	10.069	10.103	VV	396	5587	0.49%	0.037%
239	10.128	10.103	10.238	VV	22248	427685	37.49%	2.841%
240	10.254	10.238	10.320	VV	2486	61375	5.38%	0.408%
241	10.329	10.320	10.351	VV	768	12397	1.09%	0.082%
242	10.360	10.351	10.399	VV	702	12775	1.12%	0.085%
243	10.408	10.399	10.413	VV	244	1782	0.16%	0.012%
244	10.435	10.413	10.499	VV	359	10483	0.92%	0.070%
245	10.503	10.499	10.510	VV	59	390	0.03%	0.003%
246	10.529	10.510	10.547	VV	177	2107	0.18%	0.014%

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

0.47% 0.036%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rters				
247	10.602	10.547	10.629	PV	1737	27842	2.44%	0.185%	
248	10.646	10.629	10.672	VV	953	14486			
249	10.677	10.672	10.683	VV	233	1125			
250	10.710	10.683	10.726	VV	842	13666			
251	10.735	10.726	10.763	VV	707	10338			
252	10.780	10.763	10.818	VV	744	13593			
253	10.853	10.818	10.895	VV	668	16160	1.42%	0.107%	
254	10.922	10.895	10.945	VV	1232	23584	2.07%	0.157%	
255	10.949	10.945	10.972	VV	625	8248	0.72%	0.055%	
256	10.998	10.972	11.015	VV	2203	30220	2.65%	0.201%	
257	11.025	11.015	11.043	VV	1070	12731	1.12%	0.085%	
258	11.070	11.043	11.098	VV	2335	41639	3.65%	0.277%	
259	11.108	11.098	11.114	VV	575	4803	0.42%	0.032%	
260	11.119	11.114	11.146	VV	583	7088	0.62%	0.047%	
261	11.162	11.146	11.178	VV	412	4911	0.43%	0.033%	
262	11.193	11.178	11.211	VV	263	4014	0.35%	0.027%	
263	11.228	11.211	11.238	VV	267	2935	0.26%	0.019%	
264	11.262	11.238	11.322	VV	17609	266249	23.34%	1.769%	
265	11.341	11.322	11.448	VV	3975	100183	8.78%	0.666%	
266	11.454	11.448	11.472	VV	415	4264	0.37%	0.028%	
267	11.480	11.472	11.492	VV	306	2118	0.19%	0.014%	
268	11.517	11.492	11.539	PV	384	6819	0.60%	0.045%	
269	11.567	11.539	11.602	VV	1376	30180	2.65%	0.201%	
270	11.610	11.602	11.620	VV	497	4907	0.43%	0.033%	
271	11.636	11.620	11.643	VV	588	7035	0.62%	0.047%	
272	11.658	11.643	11.686	VV	742	15201	1.33%	0.101%	
273	11.705	11.686	11.728	VV	2068	27348	2.40%	0.182%	
274	11.758	11.728	11.770	VV	593	11200	0.98%	0.074%	
275	11.795	11.770	11.844	VV	2426	41799	3.66%	0.278%	
276	11.868	11.844	11.882	PV	820	10900	0.96%	0.072%	
277	11.887	11.882	11.891	VV	389	1952	0.17%	0.013%	
278	11.903	11.891	11.915	VV	703	8483	0.74%	0.056%	
279	11.921	11.915	11.945	VV	536	6112	0.54%	0.041%	
280	11.973	11.945	11.989	VV	667	11547	1.01%	0.077%	
281	11.993	11.989	12.018	VV	455	5523	0.48%	0.037%	
282	12.028	12.018	12.045	VV	339	4225	0.37%	0.028%	
283	12.071	12.045	12.086	VV	4058	49568	4.35%	0.329%	
284	12.103	12.086	12.123	VV	5423	79911	7.01%	0.531%	
285	12.126	12.123	12.155	VV	2810	34251	3.00%	0.228%	
286	12.186	12.155	12.205	VV	3263	60881	5.34%	0.404%	
287	12.219	12.205	12.236	VV	2859	36587	3.21%	0.243%	
288	12.252	12.236	12.291	VV	3422	51418	4.51%	0.342%	
289	12.380	12.291	12.423	VV	2312	61757	5.41%	0.410%	
290	12.447	12.423	12.465	VV	1466	25634	2.25%	0.170%	
291	12.469	12.465	12.501	VV	1295	18331	1.61%	0.122%	
292	12.506	12.501	12.528	VV	454	4995	0.44%	0.033%	
293	12.548	12.528	12.594	VV	1964	31694	2.78%	0.211%	
294	12.633	12.594	12.680	VV	22040	275571	24.16%	1.831%	
295	12.691	12.680	12.724	VV	853	13242	1.16%	0.088%	
296	12.741	12.724	12.768	VV	1039	15125	1.33%	0.100%	
297	12.796	12.768	12.810	VV	671	12335	1.08%	0.082%	
298	12.818	12.810	12.834	VV	760	8166	0.72%	0.054%	
299	12.867	12.834	12.880	VV	1605	26449	2.32%	0.176%	

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

300	12.883	12.880	12.906	VV	1159	10133	0.89%	0.067%
301	12.937	12.906	12.943	PV	2011	23213		
302	12.976	12.943	12.997	VV	3844	78661		
303	13.024	12.997	13.068	VV	3381	81314		
304	13.095	13.068	13.151	VV	44702	595073	52.00%	100.00%
305	13.168	13.151	13.180	VV	956	15329		
306	13.193	13.180	13.211	VV	1011	16166	1.42%	0.107%
307	13.236	13.211	13.268	VV	2895	66967	5.87%	0.445%
308	13.282	13.268	13.298	VV	2633	36974	3.24%	0.246%
309	13.315	13.298	13.323	VV	2059	27560	2.42%	0.183%
310	13.334	13.323	13.369	VV	2224	45148	3.96%	0.300%
311	13.395	13.369	13.438	VV	40200	519499	45.54%	3.451%
312	13.453	13.438	13.470	VV	4662	66057	5.79%	0.439%
313	13.485	13.470	13.511	VV	4330	69162	6.06%	0.459%
314	13.521	13.511	13.553	VV	1530	30838	2.70%	0.205%
315	13.571	13.553	13.588	VV	2121	33401	2.93%	0.222%
316	13.606	13.588	13.625	VV	2231	35324	3.10%	0.235%
317	13.642	13.625	13.655	VV	2477	33222	2.91%	0.221%
318	13.671	13.655	13.704	VV	2646	49481	4.34%	0.329%
319	13.725	13.704	13.775	VV	1375	37900	3.32%	0.252%
320	13.798	13.775	13.813	VV	1511	22121	1.94%	0.147%
321	13.823	13.813	13.834	VV	1305	14520	1.27%	0.096%
322	13.862	13.834	13.937	VV	4163	108655	9.52%	0.722%
323	13.991	13.937	14.042	VV	7073	157299	13.79%	1.045%
324	14.059	14.042	14.076	VV	1544	23658	2.07%	0.157%
325	14.100	14.076	14.120	VV	4666	69435	6.09%	0.461%
326	14.138	14.120	14.163	VV	4329	64118	5.62%	0.426%
327	14.181	14.163	14.204	VV	1909	29533	2.59%	0.196%
328	14.231	14.204	14.250	VV	3188	51331	4.50%	0.341%
329	14.268	14.250	14.295	VV	3613	58988	5.17%	0.392%
330	14.311	14.295	14.352	VV	2728	38797	3.40%	0.258%
331	14.372	14.352	14.409	PV	1226	22545	1.98%	0.150%
332	14.437	14.409	14.443	PV	516	5124	0.45%	0.034%
333	14.470	14.443	14.492	VV	1461	27752	2.43%	0.184%
334	14.500	14.492	14.508	VV	696	5691	0.50%	0.038%
335	14.523	14.508	14.546	VV	790	11502	1.01%	0.076%
336	14.577	14.546	14.583	VV	1228	18033	1.58%	0.120%
337	14.598	14.583	14.608	VV	1205	16163	1.42%	0.107%
338	14.628	14.608	14.651	VV	1644	31342	2.75%	0.208%
339	14.701	14.651	14.718	VV	2503	71233	6.24%	0.473%
340	14.739	14.718	14.774	VV	5313	99285	8.70%	0.660%
341	14.799	14.774	14.822	VV	5745	99006	8.68%	0.658%
342	14.833	14.822	14.852	VV	2863	46305	4.06%	0.308%
343	14.862	14.852	14.880	VV	2285	35330	3.10%	0.235%
344	14.913	14.880	14.951	VV	7046	169320	14.84%	1.125%
345	14.975	14.951	15.000	VV	9396	166926	14.63%	1.109%
346	15.024	15.000	15.029	VV	4922	68226	5.98%	0.453%
347	15.047	15.029	15.073	VV	6200	121429	10.64%	0.807%
348	15.094	15.073	15.107	VV	3122	56837	4.98%	0.378%
349	15.138	15.107	15.214	VV	74816	1140737	100.00%	7.579%
350	15.245	15.214	15.265	VV	5464	102684	9.00%	0.682%
351	15.291	15.265	15.311	VV	32128	449164	39.37%	2.984%

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rters			
352	15.331	15.311	15.368	VV	33472	510824	44.78%	3.394%
353	15.387	15.368	15.413	VV	2492	53900		
354	15.417	15.413	15.423	VV	1134	6442		
355	15.453	15.423	15.471	VV	5980	103877		
356	15.476	15.471	15.510	VV	4365	62823		
357	15.545	15.510	15.570	VV	2413	49061		
358	15.604	15.570	15.623	PV	3853	59750	5.24%	0.397%
359	15.640	15.623	15.662	VV	2531	48821	4.28%	0.324%
360	15.674	15.662	15.693	VV	2081	28461	2.49%	0.189%
361	15.726	15.693	15.771	VV	25909	426835	37.42%	2.836%
362	15.782	15.771	15.813	VV	2337	37822	3.32%	0.251%
363	15.868	15.813	15.902	VV	4783	123047	10.79%	0.817%
364	15.968	15.902	15.991	VV	11306	270832	23.74%	1.799%
365	16.007	15.991	16.038	VV	5923	113237	9.93%	0.752%
366	16.052	16.038	16.066	VV	3396	50148	4.40%	0.333%
367	16.075	16.066	16.083	VV	2684	25418	2.23%	0.169%
368	16.134	16.083	16.168	VV	6518	218959	19.19%	1.455%
369	16.173	16.168	16.177	VV	2416	12068	1.06%	0.080%
370	16.207	16.177	16.228	VV	3359	82611	7.24%	0.549%
371	16.246	16.228	16.273	VV	2296	47481	4.16%	0.315%
372	16.294	16.273	16.324	VV	2917	47765	4.19%	0.317%
373	16.371	16.324	16.395	VV	5787	119884	10.51%	0.796%
374	16.404	16.395	16.433	VV	2385	38348	3.36%	0.255%
375	16.476	16.433	16.503	VV	1121	23392	2.05%	0.155%
376	16.507	16.503	16.516	VV	390	1933	0.17%	0.013%
377	16.531	16.516	16.544	PV	517	5058	0.44%	0.034%
378	16.572	16.544	16.586	VV	2583	37698	3.30%	0.250%
379	16.606	16.586	16.627	VV	2575	41712	3.66%	0.277%
380	16.652	16.627	16.665	VV	2976	40700	3.57%	0.270%
381	16.676	16.665	16.692	VV	2511	30931	2.71%	0.205%
382	16.715	16.692	16.722	VV	1103	18638	1.63%	0.124%
383	16.746	16.722	16.758	VV	3701	51123	4.48%	0.340%
384	16.771	16.758	16.792	VV	3478	47550	4.17%	0.316%
385	16.807	16.792	16.814	VV	1073	11497	1.01%	0.076%
386	16.862	16.814	16.882	VV	49264	732324	64.20%	4.865%
387	16.890	16.882	16.917	VV	19979	255918	22.43%	1.700%
388	16.951	16.917	16.957	VV	3993	84059	7.37%	0.558%
389	16.963	16.957	16.969	VV	4098	29950	2.63%	0.199%
390	16.993	16.969	17.020	VV	16519	297156	26.05%	1.974%
391	17.029	17.020	17.047	VV	6530	102086	8.95%	0.678%
392	17.067	17.047	17.077	VV	6465	106960	9.38%	0.711%
393	17.088	17.077	17.103	VV	6566	89650	7.86%	0.596%
394	17.118	17.103	17.125	VV	6506	76199	6.68%	0.506%
395	17.130	17.125	17.139	VV	6227	48616	4.26%	0.323%
396	17.186	17.139	17.218	VV	39100	651922	57.15%	4.331%
397	17.245	17.218	17.299	VV	43832	644746	56.52%	4.283%
398	17.347	17.299	17.378	PV	9212	170803	14.97%	1.135%
399	17.403	17.378	17.426	VV	2401	38047	3.34%	0.253%
400	17.457	17.426	17.465	PV	707	7002	0.61%	0.047%
401	17.489	17.465	17.500	PBA	1515	27814	2.44%	0.185%
Sum of corrected areas:						15052159		

Instrument :

FID_G

ClientSampleId :

B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

FG120125.M Fri Dec 05 03:54:37 2025

rteres

Instrument :
FID_G
ClientSampleId :
B50-SP9-112425

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/25/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525		SDG No.:	Q3741
Lab Sample ID:	Q3741-05		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	44000		1	199	1970	ug/kg	12/04/25 23:42	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	10.7			37 - 130	53%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017082.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:42
Operator : YP\AJ
Sample : Q3741-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B50-SP11-112525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:04:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.143	1111259	10.679 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017082.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:42
Operator : YP\AJ
Sample : Q3741-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

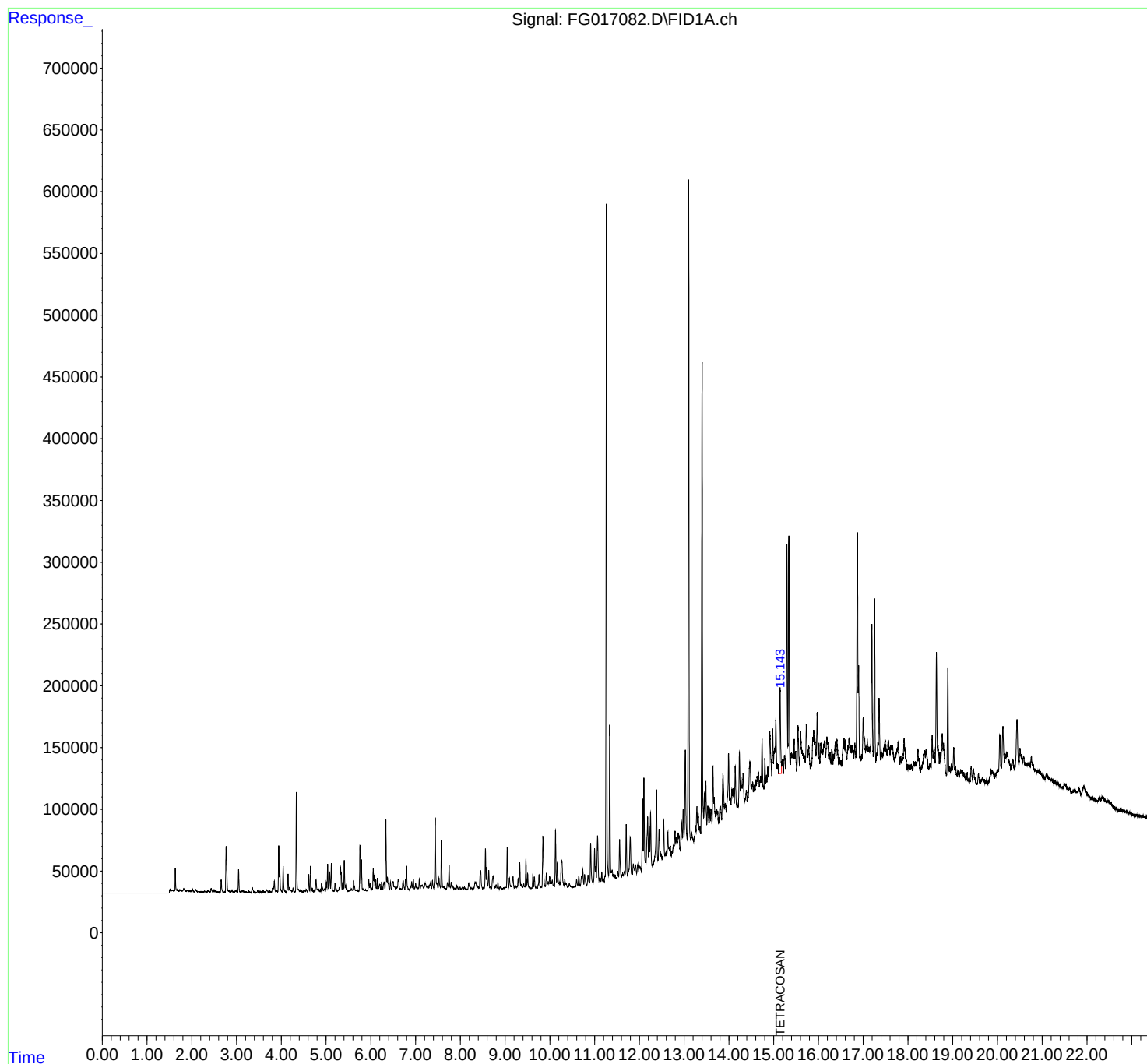
Instrument :
FID_G
ClientSampleId :
B50-SP11-112525

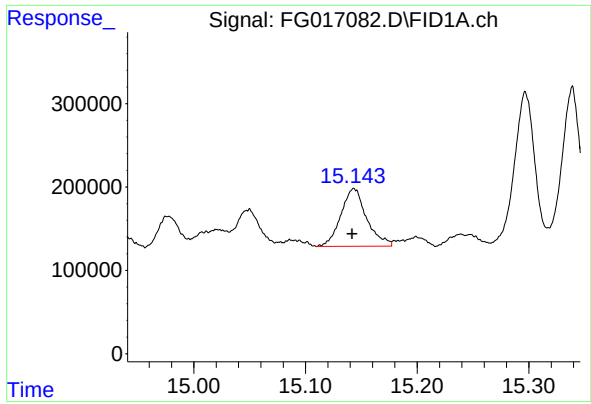
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:04:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.143 min
Delta R.T.: 0.000 min
Response: 1111259
Conc: 10.68 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP11-112525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

rteres

Instrument :

FID_G

ClientSampleId :

B50-SP11-112525

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017082.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 23:42
Sample : Q3741-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.225	2.200	2.231	BV	138	678	0.01%	0.001%
2	2.244	2.231	2.259	VV	205	2482	0.04%	0.002%
3	2.295	2.259	2.313	VV	556	10074	0.15%	0.008%
4	2.319	2.313	2.341	VV	365	3299	0.05%	0.002%
5	2.362	2.341	2.402	VV	1245	18458	0.28%	0.014%
6	2.431	2.402	2.477	VV	2909	46374	0.71%	0.035%
7	2.496	2.477	2.513	VV	2116	22554	0.35%	0.017%
8	2.526	2.513	2.569	VV	1330	19756	0.30%	0.015%
9	2.574	2.569	2.632	VV	242	3887	0.06%	0.003%
10	2.657	2.632	2.735	PV	10177	126100	1.93%	0.095%
11	2.767	2.735	2.825	VV	37211	562595	8.62%	0.424%
12	2.836	2.825	2.873	VV	1318	23960	0.37%	0.018%
13	2.901	2.873	2.919	VV	1739	31258	0.48%	0.024%
14	2.927	2.919	2.947	VV	695	7360	0.11%	0.006%
15	2.967	2.947	2.971	VV	845	8118	0.12%	0.006%
16	2.987	2.971	3.020	VV	1856	28164	0.43%	0.021%
17	3.046	3.020	3.102	VV	18628	211126	3.23%	0.159%
18	3.132	3.102	3.147	VV	1401	23373	0.36%	0.018%
19	3.160	3.147	3.183	VV	837	11306	0.17%	0.009%
20	3.208	3.183	3.211	VV	363	3468	0.05%	0.003%
21	3.216	3.211	3.245	VV	343	4004	0.06%	0.003%
22	3.260	3.245	3.264	VV	799	5925	0.09%	0.004%
23	3.277	3.264	3.305	VV	862	13184	0.20%	0.010%
24	3.309	3.305	3.324	VV	255	2161	0.03%	0.002%
25	3.352	3.324	3.389	VV	4107	64920	0.99%	0.049%
26	3.395	3.389	3.450	VV	666	9942	0.15%	0.007%
27	3.472	3.450	3.485	PV	1362	13644	0.21%	0.010%
28	3.497	3.485	3.511	VV	942	10225	0.16%	0.008%
29	3.527	3.511	3.550	VV	1021	12491	0.19%	0.009%
30	3.572	3.550	3.589	VV	1199	17096	0.26%	0.013%
31	3.598	3.589	3.616	VV	812	8880	0.14%	0.007%
32	3.621	3.616	3.631	VV	342	2606	0.04%	0.002%
33	3.639	3.631	3.649	VV	359	3327	0.05%	0.003%
34	3.670	3.649	3.705	VV	2331	38681	0.59%	0.029%
35	3.747	3.705	3.783	VV	958	23680	0.36%	0.018%
36	3.804	3.783	3.809	VV	3356	32356	0.50%	0.024%

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37	3.819	3.809	3.829	VV	3687	40452	0.62%	0.031%
38	3.844	3.829	3.873	VV	9213	113416		
39	3.886	3.873	3.920	VV	1403	26527		
40	3.943	3.920	3.957	VV	37830	384506		
41	3.966	3.957	4.017	VV	17956	214049		
42	4.041	4.017	4.105	VV	21142	252773		
43	4.151	4.105	4.171	VV	14783	174323	2.67%	0.131%
44	4.186	4.171	4.205	VV	3962	51656	0.79%	0.039%
45	4.214	4.205	4.240	VV	1444	24507	0.38%	0.018%
46	4.263	4.240	4.286	VV	3432	43285	0.66%	0.033%
47	4.307	4.286	4.313	VV	417	4038	0.06%	0.003%
48	4.337	4.313	4.372	VV	80848	835184	12.79%	0.630%
49	4.384	4.372	4.400	VV	2380	31939	0.49%	0.024%
50	4.413	4.400	4.442	VV	1250	25484	0.39%	0.019%
51	4.449	4.442	4.467	VV	580	5901	0.09%	0.004%
52	4.524	4.467	4.538	PV	1391	28878	0.44%	0.022%
53	4.556	4.538	4.590	VV	2285	33666	0.52%	0.025%
54	4.615	4.590	4.636	VV	14316	152526	2.34%	0.115%
55	4.655	4.636	4.678	VV	21031	214456	3.29%	0.162%
56	4.693	4.678	4.713	VV	3200	36750	0.56%	0.028%
57	4.727	4.713	4.754	VV	1277	19909	0.30%	0.015%
58	4.776	4.754	4.818	VV	9744	153367	2.35%	0.116%
59	4.830	4.818	4.850	VV	1738	25794	0.40%	0.019%
60	4.870	4.850	4.883	VV	1823	25628	0.39%	0.019%
61	4.901	4.883	4.917	VV	6917	73302	1.12%	0.055%
62	4.927	4.917	4.943	VV	2763	32004	0.49%	0.024%
63	4.961	4.943	4.975	VV	2060	30905	0.47%	0.023%
64	4.979	4.975	4.989	VV	1635	12886	0.20%	0.010%
65	5.007	4.989	5.019	VV	7984	85379	1.31%	0.064%
66	5.036	5.019	5.059	VV	22499	250310	3.83%	0.189%
67	5.080	5.059	5.102	VV	15978	221905	3.40%	0.167%
68	5.119	5.102	5.169	VV	22980	281208	4.31%	0.212%
69	5.201	5.169	5.221	VV	7121	81085	1.24%	0.061%
70	5.234	5.221	5.252	VV	1357	18721	0.29%	0.014%
71	5.268	5.252	5.278	VV	1109	14190	0.22%	0.011%
72	5.296	5.278	5.307	VV	3261	37607	0.58%	0.028%
73	5.325	5.307	5.358	VV	19554	337038	5.16%	0.254%
74	5.374	5.358	5.390	VV	7367	91484	1.40%	0.069%
75	5.408	5.390	5.428	VV	25137	268889	4.12%	0.203%
76	5.439	5.428	5.455	VV	5312	61821	0.95%	0.047%
77	5.465	5.455	5.483	VV	2429	25159	0.39%	0.019%
78	5.507	5.483	5.518	VV	845	11861	0.18%	0.009%
79	5.540	5.518	5.553	VV	1359	19386	0.30%	0.015%
80	5.566	5.553	5.591	VV	1913	31704	0.49%	0.024%
81	5.617	5.591	5.657	VV	8906	151764	2.32%	0.114%
82	5.680	5.657	5.693	VV	1259	22088	0.34%	0.017%
83	5.701	5.693	5.717	VV	1106	10005	0.15%	0.008%
84	5.729	5.717	5.735	PV	273	1585	0.02%	0.001%
85	5.758	5.735	5.776	VV	37206	394528	6.04%	0.298%
86	5.791	5.776	5.819	VV	25743	277919	4.26%	0.210%
87	5.833	5.819	5.863	VV	1729	28241	0.43%	0.021%
88	5.884	5.863	5.903	VV	1256	21154	0.32%	0.016%
89	5.911	5.903	5.923	VV	740	7025	0.11%	0.005%

Instrument :

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ClientSampleId :

B50-SP11-112525

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	5.955	5.923	5.974	VV	9577	137941	2.11%	0.104%
91	5.987	5.974	6.010	VV	6380	76379		
92	6.024	6.010	6.035	VV	2491	29972		
93	6.054	6.035	6.068	VV	18056	205391		
94	6.078	6.068	6.098	VV	12904	143546		
95	6.112	6.098	6.136	VV	9330	113610		
96	6.153	6.136	6.170	VV	10761	115613	1.77%	0.087%
97	6.200	6.170	6.223	VV	5727	118697	1.82%	0.090%
98	6.243	6.223	6.266	VV	7494	105684	1.62%	0.080%
99	6.297	6.266	6.316	VV	7354	136190	2.09%	0.103%
100	6.336	6.316	6.361	VV	58466	653487	10.01%	0.493%
101	6.373	6.361	6.418	VV	10806	194884	2.99%	0.147%
102	6.438	6.418	6.462	VV	7321	101236	1.55%	0.076%
103	6.498	6.462	6.517	VV	7497	165583	2.54%	0.125%
104	6.522	6.517	6.553	VV	3616	62246	0.95%	0.047%
105	6.567	6.553	6.579	VV	3073	35690	0.55%	0.027%
106	6.611	6.579	6.649	VV	9010	202242	3.10%	0.153%
107	6.668	6.649	6.683	VV	1585	29643	0.45%	0.022%
108	6.723	6.683	6.759	VV	8302	174727	2.68%	0.132%
109	6.796	6.759	6.848	VV	19925	346305	5.31%	0.261%
110	6.885	6.848	6.897	VV	3629	58686	0.90%	0.044%
111	6.913	6.897	6.933	VV	7192	102837	1.58%	0.078%
112	6.950	6.933	6.976	VV	8949	116361	1.78%	0.088%
113	7.002	6.976	7.017	VV	5683	84794	1.30%	0.064%
114	7.025	7.017	7.040	VV	3164	32483	0.50%	0.024%
115	7.055	7.040	7.067	VV	2324	28245	0.43%	0.021%
116	7.084	7.067	7.104	VV	9562	113873	1.74%	0.086%
117	7.124	7.104	7.138	VV	4195	64288	0.98%	0.048%
118	7.148	7.138	7.178	VV	4580	80712	1.24%	0.061%
119	7.210	7.178	7.265	VV	5789	187404	2.87%	0.141%
120	7.283	7.265	7.298	VV	3304	52038	0.80%	0.039%
121	7.313	7.298	7.320	VV	4149	45275	0.69%	0.034%
122	7.334	7.320	7.356	VV	5344	82066	1.26%	0.062%
123	7.376	7.356	7.404	VV	7814	121204	1.86%	0.091%
124	7.438	7.404	7.468	VV	58829	758342	11.62%	0.572%
125	7.478	7.468	7.502	VV	5932	83284	1.28%	0.063%
126	7.522	7.502	7.555	VV	9900	160197	2.45%	0.121%
127	7.577	7.555	7.612	VV	40779	477392	7.31%	0.360%
128	7.621	7.612	7.636	VV	2616	33454	0.51%	0.025%
129	7.642	7.636	7.680	VV	2122	36301	0.56%	0.027%
130	7.711	7.680	7.725	VV	5750	79884	1.22%	0.060%
131	7.749	7.725	7.780	VV	20267	259884	3.98%	0.196%
132	7.796	7.780	7.814	VV	6184	80903	1.24%	0.061%
133	7.833	7.814	7.853	VV	3006	51193	0.78%	0.039%
134	7.871	7.853	7.898	VV	1502	29323	0.45%	0.022%
135	7.927	7.898	7.952	VV	3069	51715	0.79%	0.039%
136	7.982	7.952	7.999	VV	2366	40162	0.62%	0.030%
137	8.011	7.999	8.024	VV	1027	10939	0.17%	0.008%
138	8.045	8.024	8.062	VV	2120	30359	0.47%	0.023%
139	8.068	8.062	8.077	VV	978	7917	0.12%	0.006%
140	8.091	8.077	8.108	VV	2298	27797	0.43%	0.021%
141	8.122	8.108	8.147	VV	1226	15764	0.24%	0.012%

Instrument :

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B50-SP11-112525

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					retention			
142	8.151	8.147	8.157	VV	306	1358	0.02%	0.001%
143	8.186	8.157	8.205	VV	5459	74359		
144	8.209	8.205	8.228	VV	2705	30415		
145	8.238	8.228	8.265	VV	1868	27604		
146	8.284	8.265	8.305	VV	2194	33598		
147	8.327	8.305	8.333	VV	5668	62016		
148	8.343	8.333	8.374	VV	6416	109423	1.68%	0.083%
149	8.386	8.374	8.402	VV	2874	37100	0.57%	0.028%
150	8.412	8.402	8.423	VV	1793	19071	0.29%	0.014%
151	8.455	8.423	8.506	VV	15271	311489	4.77%	0.235%
152	8.520	8.506	8.536	VV	1703	24252	0.37%	0.018%
153	8.562	8.536	8.578	VV	32974	376216	5.76%	0.284%
154	8.590	8.578	8.612	VV	17941	207140	3.17%	0.156%
155	8.635	8.612	8.658	VV	15371	197948	3.03%	0.149%
156	8.676	8.658	8.697	VV	2389	41176	0.63%	0.031%
157	8.732	8.697	8.778	VV	10625	259505	3.98%	0.196%
158	8.800	8.778	8.821	VV	3682	58124	0.89%	0.044%
159	8.841	8.821	8.867	VV	5882	74667	1.14%	0.056%
160	8.890	8.867	8.941	VV	1972	37844	0.58%	0.029%
161	8.967	8.941	8.983	PV	1210	14942	0.23%	0.011%
162	9.006	8.983	9.025	VV	1660	31335	0.48%	0.024%
163	9.048	9.025	9.077	VV	33450	379114	5.81%	0.286%
164	9.097	9.077	9.127	VV	9110	138858	2.13%	0.105%
165	9.177	9.127	9.204	VV	9834	206875	3.17%	0.156%
166	9.215	9.204	9.222	VV	1523	15016	0.23%	0.011%
167	9.235	9.222	9.253	VV	2338	33727	0.52%	0.025%
168	9.292	9.253	9.309	VV	8416	124991	1.91%	0.094%
169	9.328	9.309	9.353	VV	21185	259411	3.97%	0.196%
170	9.364	9.353	9.395	VV	3442	57680	0.88%	0.043%
171	9.418	9.395	9.442	VV	3960	65688	1.01%	0.050%
172	9.467	9.442	9.488	VV	24123	286906	4.40%	0.216%
173	9.505	9.488	9.577	VV	12068	165606	2.54%	0.125%
174	9.621	9.577	9.639	VV	11761	134634	2.06%	0.102%
175	9.655	9.639	9.688	VV	9478	112035	1.72%	0.084%
176	9.705	9.688	9.722	VV	1128	12043	0.18%	0.009%
177	9.759	9.722	9.787	VV	11143	161402	2.47%	0.122%
178	9.804	9.787	9.817	VV	1667	21037	0.32%	0.016%
179	9.846	9.817	9.900	VV	41874	679117	10.40%	0.512%
180	9.923	9.900	9.957	VV	12094	210710	3.23%	0.159%
181	9.967	9.957	9.978	VV	4546	50811	0.78%	0.038%
182	9.996	9.978	10.015	VV	9395	134388	2.06%	0.101%
183	10.027	10.015	10.039	VV	4992	60830	0.93%	0.046%
184	10.054	10.039	10.079	VV	6419	100503	1.54%	0.076%
185	10.084	10.079	10.102	VV	2243	24958	0.38%	0.019%
186	10.126	10.102	10.152	VV	46820	561689	8.60%	0.424%
187	10.169	10.152	10.207	VV	20278	303106	4.64%	0.229%
188	10.219	10.207	10.235	VV	4770	65845	1.01%	0.050%
189	10.256	10.235	10.263	VV	21957	241489	3.70%	0.182%
190	10.269	10.263	10.314	VV	21643	307769	4.71%	0.232%
191	10.334	10.314	10.353	VV	6652	97868	1.50%	0.074%
192	10.362	10.353	10.400	VV	3607	55440	0.85%	0.042%
193	10.433	10.400	10.481	VV	3187	69748	1.07%	0.053%
194	10.488	10.481	10.513	VV	592	6479	0.10%	0.005%

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

195	10.538	10.513	10.549	PV	847	10332	0.16%	0.008%
196	10.560	10.549	10.574	VV	687	9006		
197	10.597	10.574	10.625	VV	6072	92181		
198	10.646	10.625	10.677	VV	8938	130832		
199	10.708	10.677	10.719	VV	8156	120255		
200	10.736	10.719	10.758	VV	13296	182564		
201	10.777	10.758	10.819	VV	9384	150457	2.30%	0.113%
202	10.853	10.819	10.888	PV	8290	145943	2.24%	0.110%
203	10.911	10.888	10.963	VV	33652	476014	7.29%	0.359%
204	10.998	10.963	11.015	VV	28697	363468	5.57%	0.274%
205	11.024	11.015	11.038	VV	13824	141690	2.17%	0.107%
206	11.066	11.038	11.100	VV	38434	659412	10.10%	0.497%
207	11.115	11.100	11.143	VV	3856	71606	1.10%	0.054%
208	11.160	11.143	11.177	VV	7852	84954	1.30%	0.064%
209	11.193	11.177	11.215	VV	2542	35735	0.55%	0.027%
210	11.231	11.215	11.236	VV	4565	36053	0.55%	0.027%
211	11.265	11.236	11.311	VV	547683	6123601	93.81%	4.618%
212	11.338	11.311	11.367	VV	125597	1467399	22.48%	1.107%
213	11.371	11.367	11.378	VV	6211	40191	0.62%	0.030%
214	11.393	11.378	11.409	VV	7300	109984	1.68%	0.083%
215	11.415	11.409	11.437	VV	3382	39031	0.60%	0.029%
216	11.455	11.437	11.473	VV	3560	41655	0.64%	0.031%
217	11.481	11.473	11.494	VV	730	5776	0.09%	0.004%
218	11.515	11.494	11.537	PV	5740	76625	1.17%	0.058%
219	11.558	11.537	11.598	VV	31103	422136	6.47%	0.318%
220	11.626	11.598	11.640	VV	2291	38519	0.59%	0.029%
221	11.664	11.640	11.680	VV	3765	59847	0.92%	0.045%
222	11.707	11.680	11.731	VV	41966	489400	7.50%	0.369%
223	11.796	11.731	11.838	VV	30875	582194	8.92%	0.439%
224	11.865	11.838	11.895	VV	8274	146117	2.24%	0.110%
225	11.918	11.895	11.941	VV	6537	104170	1.60%	0.079%
226	11.963	11.941	11.985	PV	6841	99478	1.52%	0.075%
227	12.001	11.985	12.015	VV	4149	61186	0.94%	0.046%
228	12.022	12.015	12.043	VV	3473	40399	0.62%	0.030%
229	12.070	12.043	12.085	VV	58125	656650	10.06%	0.495%
230	12.102	12.085	12.137	VV	74656	971969	14.89%	0.733%
231	12.143	12.137	12.150	VV	6778	50792	0.78%	0.038%
232	12.186	12.150	12.204	VV	41856	745809	11.43%	0.562%
233	12.220	12.204	12.234	VV	33781	393043	6.02%	0.296%
234	12.250	12.234	12.290	VV	44151	564354	8.65%	0.426%
235	12.383	12.290	12.417	VV	59665	1025114	15.70%	0.773%
236	12.440	12.417	12.523	VV	27326	566452	8.68%	0.427%
237	12.544	12.523	12.568	VV	32768	396647	6.08%	0.299%
238	12.580	12.568	12.591	VV	5173	59775	0.92%	0.045%
239	12.608	12.591	12.619	VV	6074	81751	1.25%	0.062%
240	12.636	12.619	12.679	VV	21899	394422	6.04%	0.297%
241	12.693	12.679	12.713	VV	9234	125787	1.93%	0.095%
242	12.725	12.713	12.737	VV	5005	55118	0.84%	0.042%
243	12.761	12.737	12.767	VV	8818	113702	1.74%	0.086%
244	12.798	12.767	12.813	VV	19645	351281	5.38%	0.265%
245	12.824	12.813	12.844	VV	14797	216756	3.32%	0.163%
246	12.867	12.844	12.880	VV	17320	279683	4.28%	0.211%

Instrument :

FID_G

ClientSampleId :

B50-SP11-112525

0.16% 0.008%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rteres									
247	12.884	12.880	12.910	VV	14176	158621	2.43%	0.120%	
248	12.938	12.910	12.961	VV	25192	445857			
249	12.979	12.961	12.998	VV	34938	489193			
250	13.027	12.998	13.068	VV	81595	1433916	2.43%	0.120%	
251	13.103	13.068	13.152	VV	539823	6527854	100.00%		
252	13.170	13.152	13.212	VV	11863	296846			
253	13.255	13.212	13.266	VV	16562	321101	4.92%	0.242%	
254	13.285	13.266	13.299	VV	31566	455528	6.98%	0.344%	
255	13.312	13.299	13.341	VV	26338	490144	7.51%	0.370%	
256	13.352	13.341	13.371	VV	14436	211622	3.24%	0.160%	
257	13.402	13.371	13.437	VV	388372	4962467	76.02%	3.742%	
258	13.452	13.437	13.467	VV	39536	546258	8.37%	0.412%	
259	13.484	13.467	13.507	VV	48287	742650	11.38%	0.560%	
260	13.528	13.507	13.553	VV	27918	565427	8.66%	0.426%	
261	13.575	13.553	13.588	VV	25025	400463	6.13%	0.302%	
262	13.604	13.588	13.623	VV	23408	396614	6.08%	0.299%	
263	13.644	13.623	13.660	VV	58165	829608	12.71%	0.626%	
264	13.670	13.660	13.702	VV	32686	605430	9.27%	0.457%	
265	13.726	13.702	13.742	VV	21853	463777	7.10%	0.350%	
266	13.748	13.742	13.768	VV	19450	245554	3.76%	0.185%	
267	13.805	13.768	13.836	VV	23059	706486	10.82%	0.533%	
268	13.867	13.836	13.900	VV	47453	1177115	18.03%	0.888%	
269	13.906	13.900	13.912	VV	21290	144824	2.22%	0.109%	
270	13.922	13.912	13.945	VV	22276	396718	6.08%	0.299%	
271	13.992	13.945	14.014	VV	61489	1449072	22.20%	1.093%	
272	14.026	14.014	14.048	VV	27968	479611	7.35%	0.362%	
273	14.070	14.048	14.090	VV	32332	711780	10.90%	0.537%	
274	14.099	14.090	14.119	VV	32350	478432	7.33%	0.361%	
275	14.141	14.119	14.196	VV	49709	1227719	18.81%	0.926%	
276	14.200	14.196	14.204	VV	16173	78225	1.20%	0.059%	
277	14.235	14.204	14.259	VV	58762	1155386	17.70%	0.871%	
278	14.271	14.259	14.299	VV	38391	776062	11.89%	0.585%	
279	14.316	14.299	14.349	VV	40732	878440	13.46%	0.662%	
280	14.390	14.349	14.408	VV	25845	744254	11.40%	0.561%	
281	14.420	14.408	14.430	VV	20963	253819	3.89%	0.191%	
282	14.474	14.430	14.500	VV	47588	1456255	22.31%	1.098%	
283	14.507	14.500	14.513	VV	28015	208786	3.20%	0.157%	
284	14.530	14.513	14.549	VV	29673	579353	8.88%	0.437%	
285	14.570	14.549	14.582	VV	26226	495372	7.59%	0.374%	
286	14.602	14.582	14.613	VV	30523	496895	7.61%	0.375%	
287	14.633	14.613	14.641	VV	32468	506048	7.75%	0.382%	
288	14.659	14.641	14.682	VV	36214	740299	11.34%	0.558%	
289	14.708	14.682	14.722	VV	32161	701954	10.75%	0.529%	
290	14.741	14.722	14.775	VV	61526	1188198	18.20%	0.896%	
291	14.777	14.775	14.783	VV	22903	109041	1.67%	0.082%	
292	14.804	14.783	14.825	VV	43839	815174	12.49%	0.615%	
293	14.838	14.825	14.849	VV	30550	395027	6.05%	0.298%	
294	14.870	14.849	14.889	VV	37000	757551	11.60%	0.571%	
295	14.915	14.889	14.957	VV	64810	1850495	28.35%	1.395%	
296	14.977	14.957	14.997	VV	65154	1167831	17.89%	0.881%	
297	15.021	14.997	15.032	VV	49053	957121	14.66%	0.722%	
298	15.050	15.032	15.081	VV	72515	1489342	22.82%	1.123%	
299	15.086	15.081	15.110	VV	35244	565056	8.66%	0.426%	

Instrument :

FID_G

ClientSampleId :

B50-SP11-112525

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

						Instrument : FID_G ClientSampleId : B50-SP11-112525		
300	15.143	15.110	15.177	VV	96405	2202744	33.74%	1.661%
Manual IntegrationsAPPROVED								
301	15.199	15.177	15.217	VV	37841	777192	11.07%	0.472%
302	15.239	15.217	15.243	VV	39978	543730	8.71%	0.429%
303	15.247	15.243	15.266	VV	39205	457235	7.78%	0.388%
304	15.297	15.266	15.318	VV	209991	3152408	48.03%	2.005%
305	15.339	15.318	15.372	VV	216055	3104222	47.77%	2.005%
306	15.398	15.372	15.401	VV	39196	625417	9.58%	0.472%
307	15.405	15.401	15.413	VV	38617	279153	4.28%	0.211%
308	15.433	15.413	15.440	VV	38238	568620	8.71%	0.429%
309	15.458	15.440	15.476	VV	49053	870730	13.34%	0.657%
310	15.491	15.476	15.518	VV	38757	818529	12.54%	0.617%
311	15.543	15.518	15.576	VV	58675	1375251	21.07%	1.037%
312	15.604	15.576	15.628	VV	53236	1242142	19.03%	0.937%
313	15.638	15.628	15.653	VV	37447	513893	7.87%	0.388%
314	15.661	15.653	15.674	VV	34291	420132	6.44%	0.317%
315	15.682	15.674	15.700	VV	32444	478332	7.33%	0.361%
316	15.732	15.700	15.767	VV	56527	1535494	23.52%	1.158%
317	15.783	15.767	15.819	VV	38936	950276	14.56%	0.717%
318	15.838	15.819	15.844	VV	24567	331070	5.07%	0.250%
319	15.873	15.844	15.878	VV	44088	633412	9.70%	0.478%
320	15.895	15.878	15.914	VV	49208	940819	14.41%	0.709%
321	15.922	15.914	15.945	VV	42127	691153	10.59%	0.521%
322	15.973	15.945	15.996	VV	60602	1232212	18.88%	0.929%
323	16.012	15.996	16.031	VV	36243	605514	9.28%	0.457%
324	16.057	16.031	16.071	VV	35927	721962	11.06%	0.544%
325	16.078	16.071	16.084	VV	29901	216688	3.32%	0.163%
326	16.090	16.084	16.098	VV	29075	240475	3.68%	0.181%
327	16.120	16.098	16.123	VV	34085	463444	7.10%	0.349%
328	16.137	16.123	16.164	VV	36767	748747	11.47%	0.565%
329	16.189	16.164	16.202	VV	39010	742242	11.37%	0.560%
330	16.208	16.202	16.237	VV	33611	593889	9.10%	0.448%
331	16.262	16.237	16.282	VV	25104	567048	8.69%	0.428%
332	16.300	16.282	16.326	VV	26642	541599	8.30%	0.408%
333	16.346	16.326	16.357	VV	21149	365014	5.59%	0.275%
334	16.377	16.357	16.395	VV	32219	574260	8.80%	0.433%
335	16.415	16.395	16.460	VV	32733	880657	13.49%	0.664%
336	16.474	16.460	16.492	VV	16970	270456	4.14%	0.204%
337	16.495	16.492	16.503	VV	13538	83466	1.28%	0.063%
338	16.507	16.503	16.520	VV	14284	125310	1.92%	0.094%
339	16.553	16.520	16.559	VV	26486	448350	6.87%	0.338%
340	16.574	16.559	16.593	VV	31264	533864	8.18%	0.403%
341	16.605	16.593	16.637	VV	28899	560891	8.59%	0.423%
342	16.661	16.637	16.671	VV	24170	407371	6.24%	0.307%
343	16.689	16.671	16.715	VV	29728	665495	10.19%	0.502%</

	rt	ret	area	area%	height	width	intensity	intensity%
352	17.002	16.974	17.026	VV	40042	798272	12.23%	0.602%
353	17.026	17.026	17.053	VV	23566	305052		
354	17.064	17.053	17.069	VV	15558	141524		
355	17.094	17.069	17.111	VV	19011	389598		
356	17.130	17.111	17.143	VV	14807	250197		
357	17.154	17.143	17.161	VV	14164	130397		
358	17.195	17.161	17.227	VV	112240	1740139	26.66%	1.312%
359	17.254	17.227	17.288	VV	132645	1707074	26.15%	1.287%
360	17.330	17.288	17.336	VV	14823	240906	3.69%	0.182%
361	17.356	17.336	17.385	VV	50240	738448	11.31%	0.557%
362	17.397	17.385	17.402	PV	5216	36702	0.56%	0.028%
363	17.408	17.402	17.413	VV	5371	25790	0.40%	0.019%
364	17.415	17.413	17.432	VV	4876	27297	0.42%	0.021%
365	17.461	17.432	17.467	PV	2960	23444	0.36%	0.018%
366	17.487	17.467	17.500	VBA	6803	95292	1.46%	0.072%
Sum of corrected areas:					132607771			

Instrument :

FID_G

ClientSampleId :

B50-SP11-112525

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

FG120125.M Fri Dec 05 03:55:15 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/25/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525		SDG No.:	Q3741
Lab Sample ID:	Q3741-06		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	85.9
Sample Wt/Vol:	30.09 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	7820		1	196	1930	ug/kg	12/05/25 0:12	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	11.4			37 - 130	57%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017083.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 00:12
 Operator : YP\AJ
 Sample : Q3741-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B50-SP4-112525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
 Quant Time: Dec 05 03:05:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.139	1183336	11.371 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017083.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 00:12
Operator : YP\AJ
Sample : Q3741-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

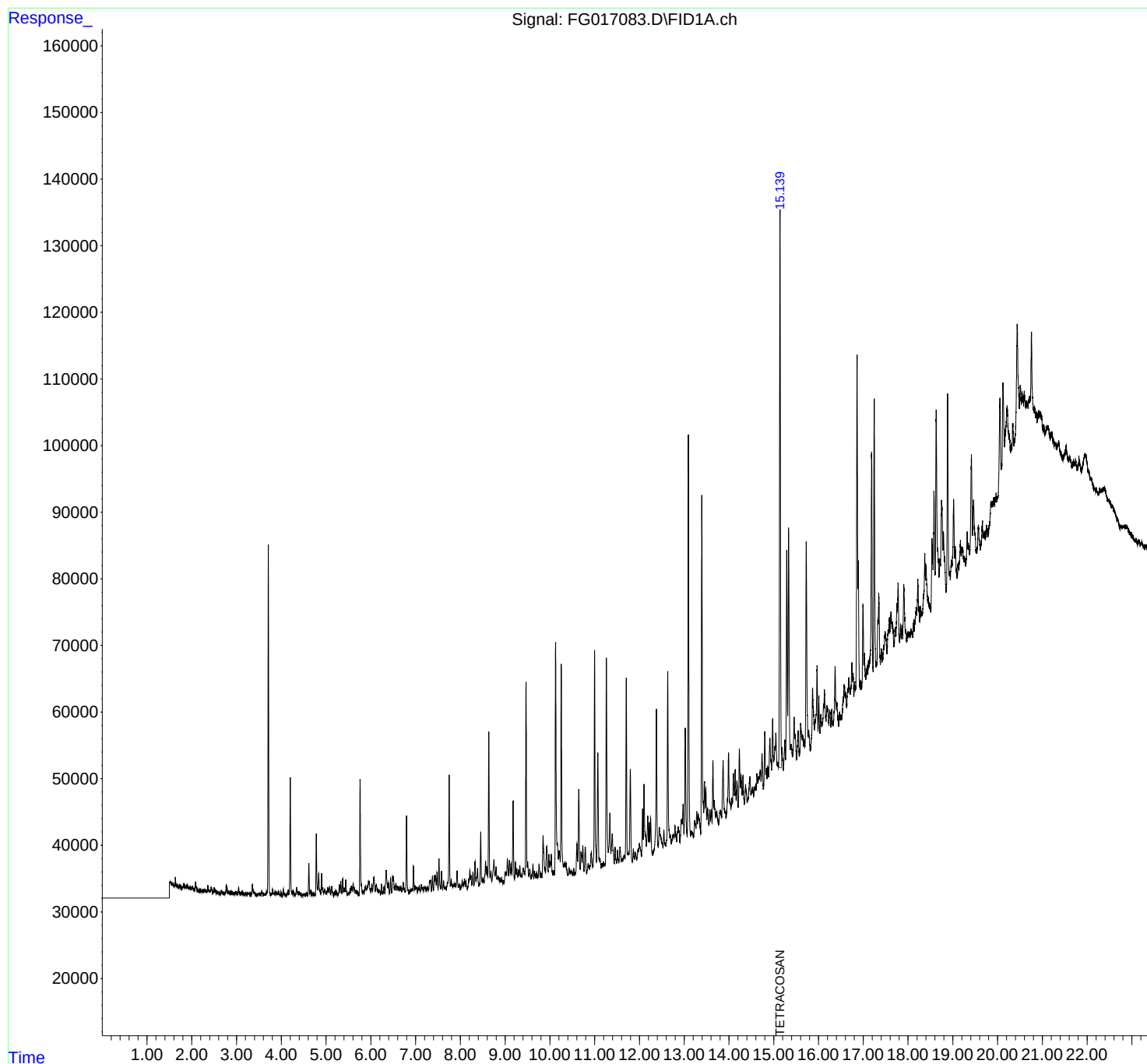
Instrument :
FID_G
ClientSampleId :
B50-SP4-112525

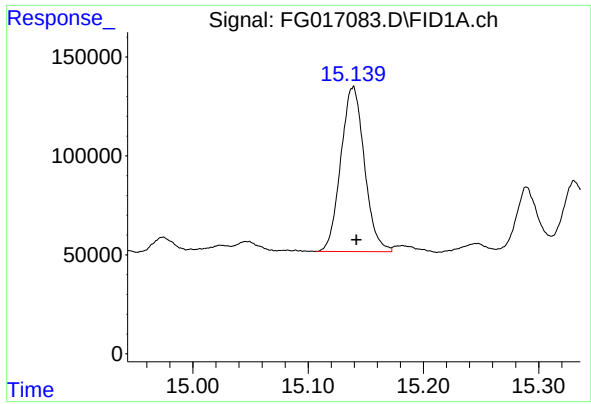
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.139 min
Delta R.T.: -0.003 min
Response: 1183336
Conc: 11.37 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP4-112525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

rteres

Instrument :

FID_G

ClientSampleId :

B50-SP4-112525

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017083.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 00:12
Sample : Q3741-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.245	2.218	2.262	BV	119	1199	0.10%	0.005%
2	2.271	2.262	2.279	PV	375	1917	0.16%	0.008%
3	2.283	2.279	2.294	VV	263	1890	0.15%	0.008%
4	2.298	2.294	2.337	VV	263	3373	0.27%	0.014%
5	2.340	2.337	2.343	VV	88	287	0.02%	0.001%
6	2.359	2.343	2.399	VV	1119	14950	1.22%	0.060%
7	2.433	2.399	2.473	VV	912	17394	1.42%	0.070%
8	2.497	2.473	2.513	PV	848	9642	0.78%	0.039%
9	2.528	2.513	2.570	VV	548	7786	0.63%	0.031%
10	2.574	2.570	2.607	VV	172	1992	0.16%	0.008%
11	2.613	2.607	2.629	VV	89	640	0.05%	0.003%
12	2.635	2.629	2.643	VV	152	668	0.05%	0.003%
13	2.655	2.643	2.679	VV	359	4488	0.37%	0.018%
14	2.685	2.679	2.717	VV	277	3001	0.24%	0.012%
15	2.720	2.717	2.726	VV	93	340	0.03%	0.001%
16	2.729	2.726	2.751	VV	128	796	0.06%	0.003%
17	2.769	2.751	2.823	PV	1223	22866	1.86%	0.092%
18	2.837	2.823	2.868	VV	339	5807	0.47%	0.023%
19	2.897	2.868	2.915	VV	356	6277	0.51%	0.025%
20	2.930	2.915	2.949	VV	275	3018	0.25%	0.012%
21	2.963	2.949	2.976	VV	226	2426	0.20%	0.010%
22	2.985	2.976	3.029	VV	350	6348	0.52%	0.025%
23	3.046	3.029	3.080	VV	1003	12493	1.02%	0.050%
24	3.084	3.080	3.110	VV	157	1670	0.14%	0.007%
25	3.132	3.110	3.152	VV	359	5843	0.48%	0.023%
26	3.161	3.152	3.190	VV	238	2585	0.21%	0.010%
27	3.218	3.190	3.244	PV	240	3375	0.27%	0.014%
28	3.277	3.244	3.293	VV	310	5221	0.42%	0.021%
29	3.300	3.293	3.307	VV	92	674	0.05%	0.003%
30	3.310	3.307	3.325	VV	89	768	0.06%	0.003%
31	3.354	3.325	3.425	VV	1527	30611	2.49%	0.123%
32	3.427	3.425	3.444	VV	151	780	0.06%	0.003%
33	3.474	3.444	3.486	VV	197	2032	0.17%	0.008%
34	3.498	3.486	3.515	VV	232	2346	0.19%	0.009%
35	3.526	3.515	3.547	VV	262	3485	0.28%	0.014%
36	3.567	3.547	3.593	VV	626	9176	0.75%	0.037%

					rters			
37	3.600	3.593	3.613	VV	224	1686	0.14%	0.007%
38	3.638	3.613	3.651	VV	184	2504		
39	3.670	3.651	3.685	VV	633	7817		
40	3.710	3.685	3.770	VV	52647	551002	44	
41	3.774	3.770	3.780	VV	204	1066		
42	3.803	3.780	3.847	VV	938	17788		
43	3.864	3.847	3.878	VV	772	9597	0.78%	0.038%
44	3.884	3.878	3.901	VV	403	4908	0.40%	0.020%
45	3.913	3.901	3.932	VV	374	5758	0.47%	0.023%
46	3.945	3.932	3.965	VV	613	8035	0.65%	0.032%
47	3.970	3.965	3.979	VV	314	2107	0.17%	0.008%
48	3.993	3.979	4.019	VV	643	7334	0.60%	0.029%
49	4.044	4.019	4.075	PV	1085	15613	1.27%	0.063%
50	4.079	4.075	4.110	VV	275	3611	0.29%	0.014%
51	4.132	4.110	4.140	PV	421	5082	0.41%	0.020%
52	4.151	4.140	4.168	VV	868	10045	0.82%	0.040%
53	4.200	4.168	4.242	VV	17850	201585	16.41%	0.808%
54	4.264	4.242	4.288	VV	886	14186	1.15%	0.057%
55	4.304	4.288	4.316	VV	293	3503	0.29%	0.014%
56	4.339	4.316	4.370	VV	1313	22802	1.86%	0.091%
57	4.387	4.370	4.403	VV	704	9945	0.81%	0.040%
58	4.407	4.403	4.413	VV	386	2030	0.17%	0.008%
59	4.424	4.413	4.467	VV	393	7178	0.58%	0.029%
60	4.474	4.467	4.478	PV	96	435	0.04%	0.002%
61	4.508	4.478	4.526	VV	387	6610	0.54%	0.027%
62	4.530	4.526	4.538	VV	310	1615	0.13%	0.006%
63	4.554	4.538	4.590	VV	441	8200	0.67%	0.033%
64	4.616	4.590	4.644	VV	4910	55787	4.54%	0.224%
65	4.656	4.644	4.675	VV	887	10046	0.82%	0.040%
66	4.694	4.675	4.709	VV	475	6425	0.52%	0.026%
67	4.728	4.709	4.758	VV	395	6245	0.51%	0.025%
68	4.782	4.758	4.809	VV	9357	105890	8.62%	0.425%
69	4.835	4.809	4.857	VV	3355	52703	4.29%	0.211%
70	4.869	4.857	4.882	VV	849	10421	0.85%	0.042%
71	4.901	4.882	4.917	VV	3368	37109	3.02%	0.149%
72	4.926	4.917	4.942	VV	1228	13532	1.10%	0.054%
73	4.961	4.942	4.978	VV	838	13610	1.11%	0.055%
74	4.981	4.978	4.999	VV	731	6136	0.50%	0.025%
75	5.036	4.999	5.050	VV	1170	20143	1.64%	0.081%
76	5.081	5.050	5.104	VV	1415	26898	2.19%	0.108%
77	5.129	5.104	5.168	VV	1394	25323	2.06%	0.102%
78	5.199	5.168	5.218	VV	633	9977	0.81%	0.040%
79	5.234	5.218	5.256	VV	621	7839	0.64%	0.031%
80	5.274	5.256	5.280	VV	351	3066	0.25%	0.012%
81	5.296	5.280	5.314	VV	1641	19595	1.59%	0.079%
82	5.329	5.314	5.353	VV	2104	26893	2.19%	0.108%
83	5.372	5.353	5.391	VV	2551	29809	2.43%	0.120%
84	5.407	5.391	5.421	VV	1164	14921	1.21%	0.060%
85	5.440	5.421	5.479	VV	2325	32953	2.68%	0.132%
86	5.506	5.479	5.519	VV	364	5627	0.46%	0.023%
87	5.539	5.519	5.553	VV	1028	13085	1.07%	0.052%
88	5.567	5.553	5.587	VV	1387	20278	1.65%	0.081%
89	5.605	5.587	5.626	VV	1689	27493	2.24%	0.110%

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90	5.637	5.626	5.652	VV	1062	12424	1.01%	0.050%
91	5.668	5.652	5.689	VV	560	9593		
92	5.701	5.689	5.722	VV	575	6123		
93	5.729	5.722	5.739	VV	192	1080		
94	5.760	5.739	5.820	PV	17412	208632	16.01%	0.050%
95	5.832	5.820	5.848	VV	642	7956		
96	5.870	5.848	5.902	VV	1256	28875	2.35%	0.116%
97	5.922	5.902	5.933	VV	1373	20426	1.66%	0.082%
98	5.952	5.933	6.002	VV	2006	53414	4.35%	0.214%
99	6.025	6.002	6.040	VV	1336	20777	1.69%	0.083%
100	6.066	6.040	6.100	VV	2591	54566	4.44%	0.219%
101	6.115	6.100	6.144	VV	1417	26922	2.19%	0.108%
102	6.152	6.144	6.168	VV	809	8561	0.70%	0.034%
103	6.194	6.168	6.219	VV	557	11471	0.93%	0.046%
104	6.238	6.219	6.266	VV	1473	18626	1.52%	0.075%
105	6.296	6.266	6.315	VV	1151	16041	1.31%	0.064%
106	6.341	6.315	6.382	VV	3513	76008	6.19%	0.305%
107	6.394	6.382	6.419	VV	1680	19812	1.61%	0.079%
108	6.441	6.419	6.465	VV	2345	28616	2.33%	0.115%
109	6.486	6.465	6.495	VV	2635	28415	2.31%	0.114%
110	6.505	6.495	6.539	VV	2534	37388	3.04%	0.150%
111	6.558	6.539	6.575	VV	1504	21614	1.76%	0.087%
112	6.591	6.575	6.608	VV	1031	15416	1.25%	0.062%
113	6.622	6.608	6.632	VV	783	9905	0.81%	0.040%
114	6.636	6.632	6.651	VV	806	7696	0.63%	0.031%
115	6.671	6.651	6.698	VV	921	18443	1.50%	0.074%
116	6.725	6.698	6.773	VV	1615	32347	2.63%	0.130%
117	6.797	6.773	6.850	VV	11626	130733	10.64%	0.524%
118	6.859	6.850	6.873	VV	168	1153	0.09%	0.005%
119	6.887	6.873	6.903	PV	498	5304	0.43%	0.021%
120	6.922	6.903	6.933	VV	653	8066	0.66%	0.032%
121	6.951	6.933	6.976	VV	4004	46645	3.80%	0.187%
122	6.989	6.976	7.004	VV	931	11609	0.94%	0.047%
123	7.007	7.004	7.012	VV	680	2960	0.24%	0.012%
124	7.023	7.012	7.040	VV	720	8292	0.67%	0.033%
125	7.060	7.040	7.069	VV	617	6562	0.53%	0.026%
126	7.083	7.069	7.105	VV	1010	12385	1.01%	0.050%
127	7.128	7.105	7.153	VV	1135	19126	1.56%	0.077%
128	7.164	7.153	7.181	VV	744	8232	0.67%	0.033%
129	7.208	7.181	7.241	VV	873	17372	1.41%	0.070%
130	7.267	7.241	7.292	VV	656	14371	1.17%	0.058%
131	7.311	7.292	7.324	VV	1706	22280	1.81%	0.089%
132	7.331	7.324	7.355	VV	1712	18493	1.51%	0.074%
133	7.375	7.355	7.397	VV	2333	27342	2.23%	0.110%
134	7.420	7.397	7.430	VV	2422	27405	2.23%	0.110%
135	7.442	7.430	7.461	VV	2391	33299	2.71%	0.134%
136	7.480	7.461	7.502	VV	2858	38425	3.13%	0.154%
137	7.522	7.502	7.560	VV	4838	66697	5.43%	0.267%
138	7.579	7.560	7.605	VV	2966	37200	3.03%	0.149%
139	7.623	7.605	7.650	VV	1352	19618	1.60%	0.079%
140	7.666	7.650	7.683	VV	513	7929	0.65%	0.032%
141	7.712	7.683	7.720	VV	1314	17946	1.46%	0.072%

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142	7.749	7.720	7.778	VV	17357	202399	16.47%	0.812%
143	7.796	7.778	7.815	VV	1744	24381		
144	7.820	7.815	7.827	VV	635	3929		
145	7.839	7.827	7.859	VV	786	12004		
146	7.868	7.859	7.890	VV	954	14905		
147	7.926	7.890	7.954	VV	2855	50906		
148	7.970	7.954	7.997	VV	781	12845	1.05%	0.052%
149	8.016	7.997	8.022	PV	503	4840	0.39%	0.019%
150	8.041	8.022	8.057	VV	1365	18185	1.48%	0.073%
151	8.067	8.057	8.077	VV	802	8468	0.69%	0.034%
152	8.093	8.077	8.110	VV	1612	20307	1.65%	0.081%
153	8.123	8.110	8.154	VV	1215	16191	1.32%	0.065%
154	8.188	8.154	8.196	VV	1468	17845	1.45%	0.072%
155	8.212	8.196	8.228	VV	2771	36928	3.01%	0.148%
156	8.238	8.228	8.255	VV	1942	21235	1.73%	0.085%
157	8.281	8.255	8.302	VV	2447	34771	2.83%	0.139%
158	8.327	8.302	8.349	VV	3989	56027	4.56%	0.225%
159	8.384	8.349	8.409	VV	2889	55053	4.48%	0.221%
160	8.455	8.409	8.494	VV	8300	117471	9.56%	0.471%
161	8.508	8.494	8.529	VV	1163	19280	1.57%	0.077%
162	8.564	8.529	8.579	VV	3836	64540	5.25%	0.259%
163	8.592	8.579	8.611	VV	3027	43344	3.53%	0.174%
164	8.635	8.611	8.668	VV	23034	280046	22.79%	1.123%
165	8.682	8.668	8.701	VV	2224	31887	2.60%	0.128%
166	8.750	8.701	8.774	VV	3799	94159	7.66%	0.378%
167	8.798	8.774	8.817	VV	2792	47241	3.85%	0.189%
168	8.838	8.817	8.870	VV	1233	32000	2.60%	0.128%
169	8.887	8.870	8.903	VV	1085	14125	1.15%	0.057%
170	8.927	8.903	8.957	VV	826	17321	1.41%	0.069%
171	8.967	8.957	8.979	VV	538	4470	0.36%	0.018%
172	9.000	8.979	9.008	VV	1836	19960	1.62%	0.080%
173	9.015	9.008	9.028	VV	1581	17732	1.44%	0.071%
174	9.050	9.028	9.075	VV	3745	67691	5.51%	0.271%
175	9.097	9.075	9.116	VV	3493	56681	4.61%	0.227%
176	9.132	9.116	9.149	VV	2895	42053	3.42%	0.169%
177	9.178	9.149	9.205	VV	12385	167551	13.64%	0.672%
178	9.231	9.205	9.247	VV	3080	42171	3.43%	0.169%
179	9.257	9.247	9.278	VV	1909	27320	2.22%	0.110%
180	9.295	9.278	9.314	VV	1842	28653	2.33%	0.115%
181	9.329	9.314	9.353	VV	2531	36425	2.96%	0.146%
182	9.362	9.353	9.375	VV	1088	12128	0.99%	0.049%
183	9.410	9.375	9.430	VV	1958	46889	3.82%	0.188%
184	9.467	9.430	9.492	VV	29899	358817	29.21%	1.439%
185	9.504	9.492	9.529	VV	2949	41435	3.37%	0.166%
186	9.552	9.529	9.576	VV	1736	30562	2.49%	0.123%
187	9.622	9.576	9.640	VV	2376	41061	3.34%	0.165%
188	9.656	9.640	9.687	VV	1348	21515	1.75%	0.086%
189	9.706	9.687	9.721	VV	946	14249	1.16%	0.057%
190	9.758	9.721	9.789	VV	2160	41992	3.42%	0.168%
191	9.803	9.789	9.822	VV	855	12301	1.00%	0.049%
192	9.847	9.822	9.881	VV	6374	122298	9.95%	0.490%
193	9.889	9.881	9.901	VV	1729	17610	1.43%	0.071%
194	9.927	9.901	9.957	VV	4815	95503	7.77%	0.383%

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195	9.977	9.957	9.994	VV	3616	54219	4.41%	0.217%
196	10.007	9.994	10.017	VV	2450	28867		
197	10.030	10.017	10.063	VV	3603	53796		
198	10.087	10.063	10.102	VV	1088	17419		
199	10.127	10.102	10.161	VV	35273	484688	39.42%	1.695%
200	10.166	10.161	10.189	VV	5041	68055		
201	10.207	10.189	10.230	VV	3966	81165	6.61%	0.325%
202	10.253	10.230	10.303	VV	31980	422822	34.42%	1.695%
203	10.330	10.303	10.347	VV	2008	45942	3.74%	0.184%
204	10.362	10.347	10.401	VV	2023	36510	2.97%	0.146%
205	10.428	10.401	10.450	VV	1043	17018	1.39%	0.068%
206	10.470	10.450	10.482	VV	647	10846	0.88%	0.043%
207	10.487	10.482	10.511	VV	643	5749	0.47%	0.023%
208	10.530	10.511	10.552	VV	960	12985	1.06%	0.052%
209	10.563	10.552	10.573	VV	356	3498	0.28%	0.014%
210	10.601	10.573	10.618	VV	4675	67114	5.46%	0.269%
211	10.644	10.618	10.673	VV	12759	192394	15.66%	0.771%
212	10.697	10.673	10.719	VV	3264	60745	4.94%	0.244%
213	10.734	10.719	10.761	VV	4305	63080	5.13%	0.253%
214	10.790	10.761	10.819	VV	4023	64166	5.22%	0.257%
215	10.852	10.819	10.880	PV	1480	28823	2.35%	0.116%
216	10.923	10.880	10.960	VV	3003	77992	6.35%	0.313%
217	10.997	10.960	11.040	VV	33143	435553	35.45%	1.746%
218	11.070	11.040	11.100	VV	17603	280269	22.81%	1.124%
219	11.108	11.100	11.146	VV	1780	33318	2.71%	0.134%
220	11.161	11.146	11.175	VV	964	11974	0.97%	0.048%
221	11.188	11.175	11.194	VV	883	8703	0.71%	0.035%
222	11.202	11.194	11.214	VV	892	8735	0.71%	0.035%
223	11.261	11.214	11.303	VV	31440	455907	37.11%	1.828%
224	11.339	11.303	11.365	VV	8168	163685	13.32%	0.656%
225	11.393	11.365	11.436	VV	4986	119790	9.75%	0.480%
226	11.456	11.436	11.490	VV	2810	43853	3.57%	0.176%
227	11.509	11.490	11.541	VV	2316	34729	2.83%	0.139%
228	11.564	11.541	11.596	VV	2702	51067	4.16%	0.205%
229	11.631	11.596	11.642	VV	953	20822	1.69%	0.083%
230	11.664	11.642	11.680	VV	1200	23635	1.92%	0.095%
231	11.706	11.680	11.745	VV	27799	341930	27.83%	1.371%
232	11.755	11.745	11.765	VV	1461	16786	1.37%	0.067%
233	11.796	11.765	11.836	VV	13914	213787	17.40%	0.857%
234	11.864	11.836	11.889	PV	1863	23805	1.94%	0.095%
235	11.904	11.889	11.939	VV	1330	21923	1.78%	0.088%
236	11.973	11.939	11.985	VV	1689	28871	2.35%	0.116%
237	12.000	11.985	12.046	VV	2310	54775	4.46%	0.220%
238	12.070	12.046	12.084	VV	7462	94430	7.69%	0.379%
239	12.102	12.084	12.155	VV	11102	216347	17.61%	0.867%
240	12.186	12.155	12.205	VV	6157	114647	9.33%	0.460%
241	12.219	12.205	12.234	VV	5098	63748	5.19%	0.256%
242	12.250	12.234	12.294	VV	5772	87978	7.16%	0.353%
243	12.380	12.294	12.420	PV	21712	345822	28.15%	1.387%
244	12.443	12.420	12.465	VV	3792	70122	5.71%	0.281%
245	12.471	12.465	12.495	VV	2588	36497	2.97%	0.146%
246	12.499	12.495	12.526	VV	1328	18898	1.54%	0.076%

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Parameters									
247	12.546	12.526	12.570	VV	3010	43861	3.57%	0.176%	
248	12.576	12.570	12.593	VV	1057	11265	0.06%	0.002%	
249	12.632	12.593	12.684	VV	26624	373494	30.61%	0.001%	
250	12.691	12.684	12.709	VV	1749	18736	1.87%	0.001%	
251	12.756	12.709	12.776	VV	1762	52913	4.71%	0.001%	
252	12.795	12.776	12.810	VV	2868	42240	3.85%	0.001%	
253	12.815	12.810	12.833	VV	1521	15017	1.22%	0.060%	
254	12.866	12.833	12.905	VV	2514	67306	5.48%	0.270%	
255	12.940	12.905	12.956	VV	3544	70280	5.72%	0.282%	
256	12.976	12.956	12.995	VV	5662	86772	7.06%	0.348%	
257	13.024	12.995	13.068	VV	16943	263929	21.48%	1.058%	
258	13.093	13.068	13.150	VV	60635	776480	63.20%	3.113%	
259	13.166	13.150	13.187	VV	1011	16474	1.34%	0.066%	
260	13.191	13.187	13.206	VV	643	4634	0.38%	0.019%	
261	13.234	13.206	13.249	VV	2418	33477	2.72%	0.134%	
262	13.253	13.249	13.262	VV	1881	12655	1.03%	0.051%	
263	13.282	13.262	13.299	VV	3589	53262	4.34%	0.214%	
264	13.314	13.299	13.369	VV	2984	79046	6.43%	0.317%	
265	13.393	13.369	13.435	PV	50826	646380	52.61%	2.592%	
266	13.453	13.435	13.470	VV	7366	110806	9.02%	0.444%	
267	13.483	13.470	13.504	VV	6395	88884	7.23%	0.356%	
268	13.521	13.504	13.550	VV	3419	60413	4.92%	0.242%	
269	13.572	13.550	13.587	VV	2780	38570	3.14%	0.155%	
270	13.604	13.587	13.620	VV	2784	37559	3.06%	0.151%	
271	13.641	13.620	13.661	VV	10069	128353	10.45%	0.515%	
272	13.671	13.661	13.709	VV	3937	72486	5.90%	0.291%	
273	13.724	13.709	13.766	VV	2126	41023	3.34%	0.164%	
274	13.800	13.766	13.805	PV	1987	21205	1.73%	0.085%	
275	13.815	13.805	13.835	VV	1715	25237	2.05%	0.101%	
276	13.868	13.835	13.918	VV	9045	181211	14.75%	0.727%	
277	13.921	13.918	13.937	VV	1016	6894	0.56%	0.028%	
278	13.990	13.937	14.023	VV	9274	188505	15.34%	0.756%	
279	14.025	14.023	14.040	VV	2012	16760	1.36%	0.067%	
280	14.061	14.040	14.075	VV	2402	38699	3.15%	0.155%	
281	14.100	14.075	14.121	VV	5967	101059	8.23%	0.405%	
282	14.139	14.121	14.160	VV	6343	93395	7.60%	0.374%	
283	14.178	14.160	14.204	VV	4382	64512	5.25%	0.259%	
284	14.231	14.204	14.254	VV	8674	134419	10.94%	0.539%	
285	14.267	14.254	14.293	VV	4796	80361	6.54%	0.322%	
286	14.313	14.293	14.346	VV	4510	68696	5.59%	0.275%	
287	14.369	14.346	14.403	VV	2863	50646	4.12%	0.203%	
288	14.468	14.403	14.491	PV	3359	81174	6.61%	0.325%	
289	14.525	14.491	14.547	VV	1684	33664	2.74%	0.135%	
290	14.570	14.547	14.578	VV	1537	16761	1.36%	0.067%	
291	14.597	14.578	14.613	VV	1652	25410	2.07%	0.102%	
292	14.624	14.613	14.641	VV	3053	35482	2.89%	0.142%	
293	14.701	14.641	14.718	VV	3292	108105	8.80%	0.433%	
294	14.737	14.718	14.767	VV	5397	88518	7.20%	0.355%	
295	14.799	14.767	14.824	VV	8504	122532	9.97%	0.491%	
296	14.838	14.824	14.848	VV	2788	31534	2.57%	0.126%	
297	14.866	14.848	14.885	VV	2884	43690	3.56%	0.175%	
298	14.914	14.885	14.952	VV	6868	159708	13.00%	0.640%	
299	14.974	14.952	15.002	VV	9372	154966	12.61%	0.621%	

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300	15.024	15.002	15.033	VV	5036	77112	6.28%	0.309%
301	15.047	15.033	15.073	VV	6657	110119		
302	15.082	15.073	15.108	VV	2310	39382		
303	15.139	15.108	15.172	VV	83985	1228565	100.00%	
304	15.182	15.172	15.212	VV	4040	61239		
305	15.247	15.212	15.263	VV	4600	77727		
306	15.289	15.263	15.311	VV	32925	446068	36.31%	1.789%
307	15.331	15.311	15.373	VV	35811	584093	47.54%	2.342%
308	15.383	15.373	15.389	VV	3334	28416	2.31%	0.114%
309	15.394	15.389	15.414	VV	3287	35606	2.90%	0.143%
310	15.455	15.414	15.470	VV	6943	126122	10.27%	0.506%
311	15.482	15.470	15.507	VV	4329	61343	4.99%	0.246%
312	15.546	15.507	15.573	VV	4544	85280	6.94%	0.342%
313	15.601	15.573	15.629	VV	5322	107555	8.75%	0.431%
314	15.637	15.629	15.643	VV	3355	26820	2.18%	0.108%
315	15.649	15.643	15.662	VV	3209	28458	2.32%	0.114%
316	15.678	15.662	15.693	VV	2533	35288	2.87%	0.141%
317	15.726	15.693	15.765	VV	31781	511200	41.61%	2.050%
318	15.780	15.765	15.814	VV	3132	56117	4.57%	0.225%
319	15.868	15.814	15.909	PV	9118	218675	17.80%	0.877%
320	15.922	15.909	15.934	VV	3947	51547	4.20%	0.207%
321	15.969	15.934	15.990	VV	11887	211237	17.19%	0.847%
322	16.008	15.990	16.032	VV	7136	95871	7.80%	0.384%
323	16.050	16.032	16.079	VV	4071	80276	6.53%	0.322%
324	16.133	16.079	16.166	VV	7367	221256	18.01%	0.887%
325	16.190	16.166	16.230	VV	4598	128702	10.48%	0.516%
326	16.246	16.230	16.251	VV	3601	31807	2.59%	0.128%
327	16.256	16.251	16.276	VV	3211	35006	2.85%	0.140%
328	16.297	16.276	16.327	VV	3500	56362	4.59%	0.226%
329	16.371	16.327	16.391	VV	9513	167521	13.64%	0.672%
330	16.404	16.391	16.450	VV	3827	82072	6.68%	0.329%
331	16.468	16.450	16.486	PV	1863	25383	2.07%	0.102%
332	16.496	16.486	16.522	VV	1273	17261	1.40%	0.069%
333	16.571	16.522	16.600	VV	5038	147030	11.97%	0.590%
334	16.604	16.600	16.630	VV	3458	42009	3.42%	0.168%
335	16.655	16.630	16.661	VV	3625	50220	4.09%	0.201%
336	16.676	16.661	16.702	VV	4847	91589	7.45%	0.367%
337	16.706	16.702	16.709	VV	2630	10950	0.89%	0.044%
338	16.745	16.709	16.760	VV	6545	129960	10.58%	0.521%
339	16.770	16.760	16.791	VV	4767	62612	5.10%	0.251%
340	16.808	16.791	16.822	VV	2934	39637	3.23%	0.159%
341	16.862	16.822	16.880	VV	51514	731265	59.52%	2.932%
342	16.889	16.880	16.930	VV	20300	256145	20.85%	1.027%
343	16.939	16.930	16.960	VV	1899	23276	1.89%	0.093%
344	16.993	16.960	17.015	VV	12955	189815	15.45%	0.761%
345	17.028	17.015	17.057	VV	5247	76031	6.19%	0.305%
346	17.067	17.057	17.072	VV	1837	15316	1.25%	0.061%
347	17.086	17.072	17.103	VV	2743	37006	3.01%	0.148%
348	17.125	17.103	17.144	VV	3203	63603	5.18%	0.255%
349	17.186	17.144	17.219	VV	33552	521425	42.44%	2.091%
350	17.245	17.219	17.281	VV	41242	538401	43.82%	2.159%
351	17.346	17.281	17.381	VV	11048	259971	21.16%	1.042%

Instrument :

FID_G

ClientSampleId :

B50-SP4-112525

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rters	
352	17.404	17.381	17.422	VV	2185	23554
353	17.452	17.422	17.464	PV	1296	13629
354	17.487	17.464	17.500	PBA	1361	25783
				Sum of corrected areas:	249	

FG120125.M Fri Dec 05 03:56:09 2025

Instrument :
FID_G
ClientSampleId :
B50-SP4-112525
1.92% 0.094%

Manual IntegrationsAPPROVED
Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: CORE02

ProjectID: Building 50 Probe Investigation

Lab Code: ACE

SDG No.: Q3741

Calibration Sequence : FG120125		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	138381193	138381	FG017031.D
500	57796211	115592	FG017032.D
200	23582132	117911	FG017033.D
100	11130849	111308	FG017034.D
50	5220615	104412	FG017035.D
AVG RF : 117521		% RSD : 10.843	AVG RT : 15.1388

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017072.D Analyst Name: YP\AJ Analyst Date: 12-04-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	66209544	132419	117521	12.677

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017072.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 18:50
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: Sample.e
 Quant Time: Dec 05 03:00:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.143	5857019	56.283 ug/ml
Target Compounds			
2) N-DECANE	4.617	6566456	55.046 ug/ml
3) N-DODECANE	6.800	6656800	55.730 ug/ml
4) N-TETRADECANE	8.639	6658234	57.532 ug/ml
5) N-HEXADECANE	10.258	6598124	57.663 ug/ml
6) N-OCTADECANE	11.710	6780382	56.532 ug/ml
7) N-EICOSANE	13.030	6957484	55.969 ug/ml
8) N-DOCOSANE	14.237	6720024	56.284 ug/ml
10) N-TETRACOSANE	15.349	6619079	56.338 ug/ml
11) N-HEXACOSANE	16.376	6362212	56.630 ug/ml
12) N-OCTACOSANE	17.332	6290749	55.751 ug/ml

(f)=RT Delta > 1/2 Window

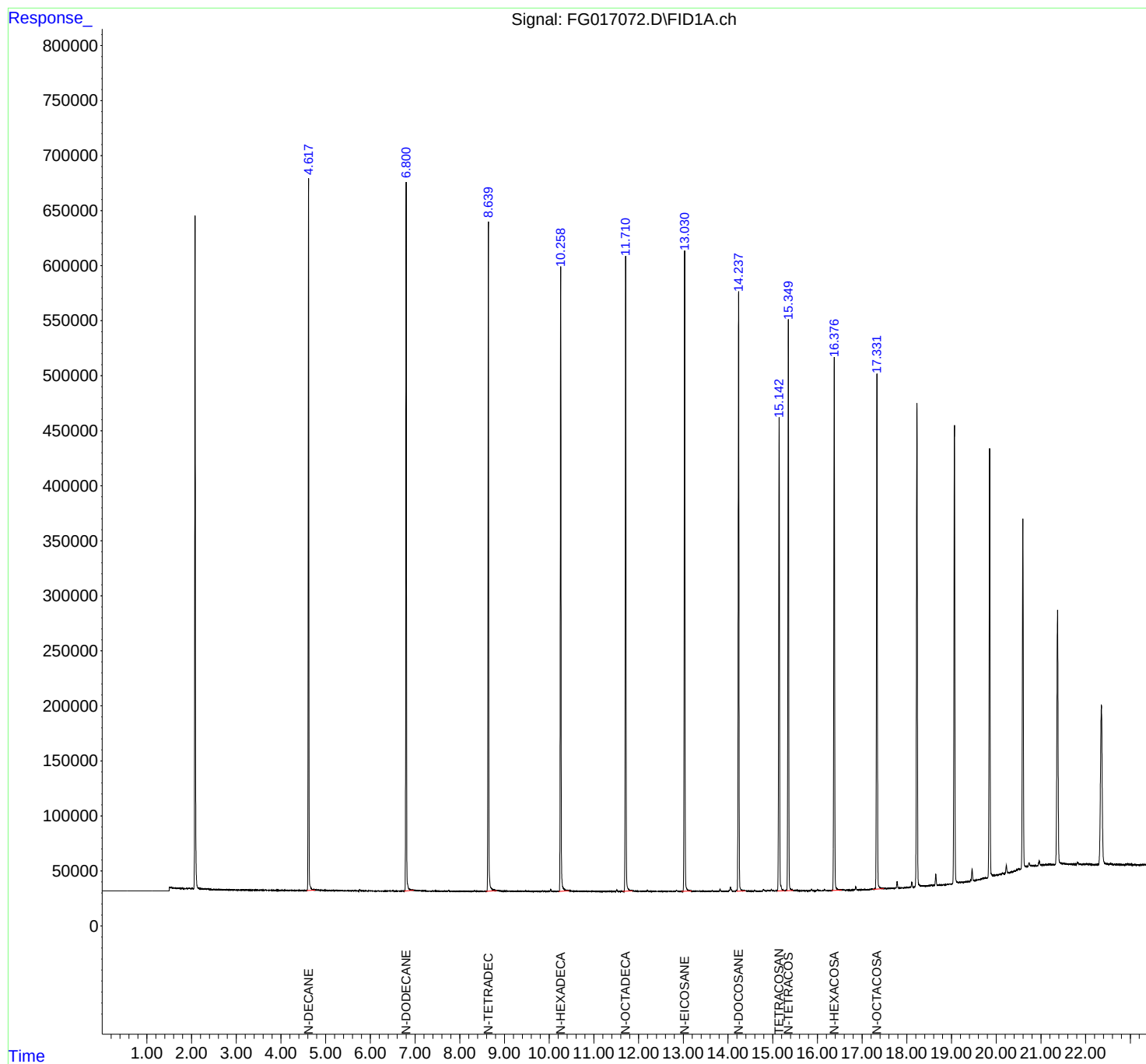
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017072.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 18:50
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: Sample.e
Quant Time: Dec 05 03:00:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017072.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 18:50
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.617	4.572	4.767	BB	647451	6566456	94.38%	9.112%
2	6.800	6.756	6.967	BB	645164	6656800	95.68%	9.237%
3	8.639	8.581	8.834	BB	607706	6658234	95.70%	9.239%
4	10.258	10.209	10.442	BB	569591	6598124	94.83%	9.156%
5	11.710	11.639	11.869	BB	575549	6780382	97.45%	9.408%
6	13.030	12.956	13.189	BB	578106	6957484	100.00%	9.654%
7	14.237	14.199	14.391	VB	546554	6720024	96.59%	9.325%
8	15.143	15.101	15.267	PB	428674	5857019	84.18%	8.127%
9	15.349	15.289	15.462	BB	520136	6619079	95.14%	9.185%
10	16.376	16.312	16.547	BB	479420	6362212	91.44%	8.828%
11	17.332	17.236	17.487	BB	465469	6290749	90.42%	8.729%
Sum of corrected areas:						72066562		

FG120125.M Fri Dec 05 03:38:56 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017085.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	65240516	130481	117521	11.028

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017085.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 01:10
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: Sample.e
 Quant Time: Dec 05 03:05:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.141	5547047	53.304 ug/ml
Target Compounds			
2) N-DECANE	4.616	6842411	57.360 ug/ml
3) N-DODECANE	6.799	6799470	56.925 ug/ml
4) N-TETRADECANE	8.638	6694660	57.847 ug/ml
5) N-HEXADECANE	10.256	6565519	57.378 ug/ml
6) N-OCTADECANE	11.709	6661224	55.538 ug/ml
7) N-EICOSANE	13.029	6744494	54.256 ug/ml
8) N-DOCOSANE	14.236	6435062	53.897 ug/ml
10) N-TETRACOSANE	15.347	6348057	54.031 ug/ml
11) N-HEXACOSANE	16.375	6094684	54.249 ug/ml
12) N-OCTACOSANE	17.331	6054935	53.661 ug/ml

(f)=RT Delta > 1/2 Window

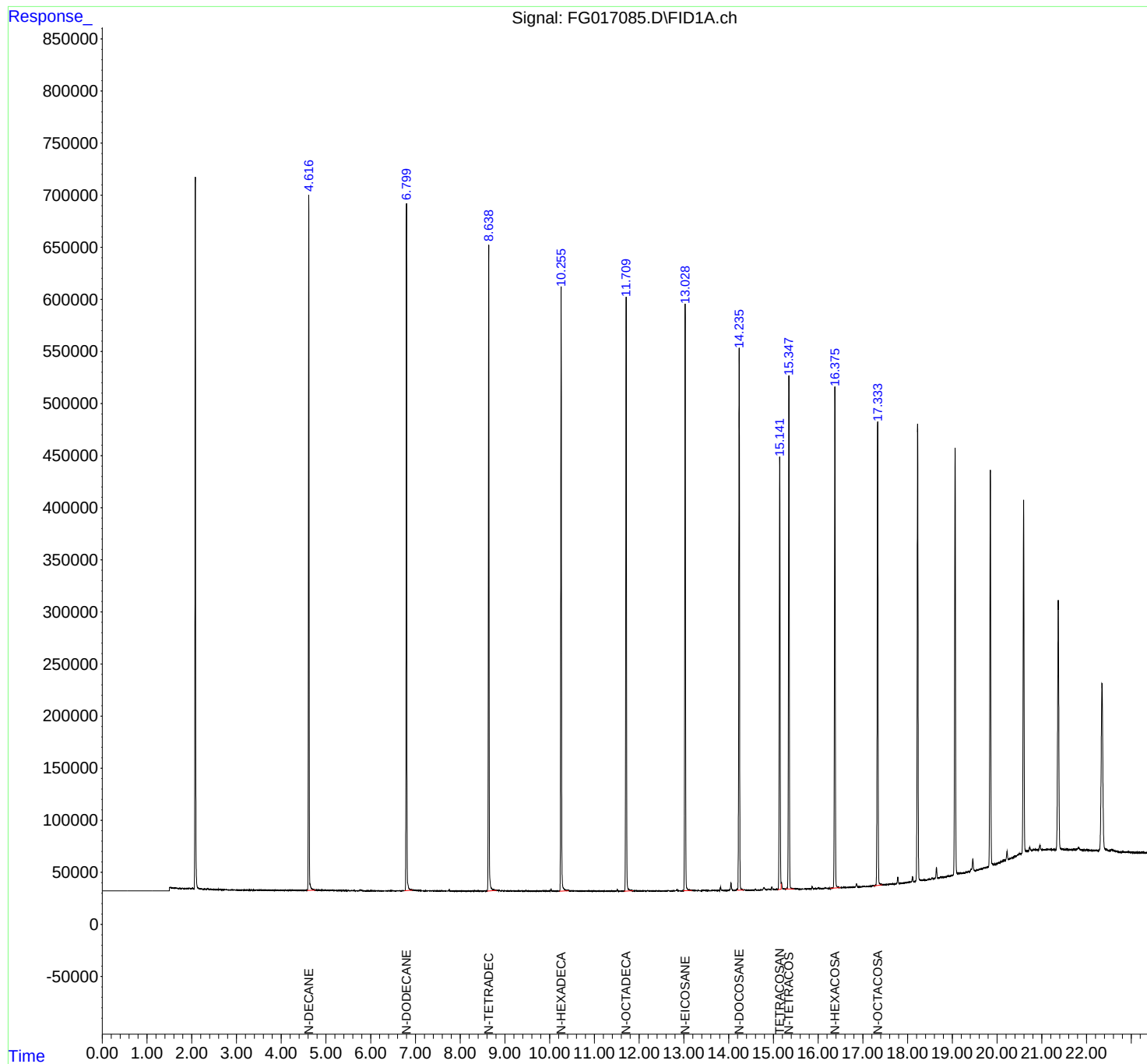
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017085.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 01:10
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: Sample.e
Quant Time: Dec 05 03:05:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017085.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 01:10
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.616	4.577	4.765	BB	664994	6842411	100.00%	9.666%
2	6.799	6.757	6.937	BV	658469	6799470	99.37%	9.605%
3	8.638	8.602	8.815	BB	619859	6694660	97.84%	9.457%
4	10.256	10.215	10.427	BB	581120	6565519	95.95%	9.275%
5	11.709	11.659	11.864	BB	566422	6661224	97.35%	9.410%
6	13.029	12.987	13.182	BB	563774	6744494	98.57%	9.528%
7	14.236	14.200	14.340	VB	519618	6435062	94.05%	9.091%
8	15.141	15.097	15.174	PV	416213	5547047	81.07%	7.836%
9	15.347	15.257	15.462	BB	493135	6348057	92.78%	8.968%
10	16.375	16.270	16.495	BB	480569	6094684	89.07%	8.610%
11	17.331	17.240	17.434	BB	443964	6054935	88.49%	8.554%
Sum of corrected areas:						70787564		

FG120125.M Fri Dec 05 03:41:41 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017088.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	68554853	137110	117521	16.669

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
 Data File : FG017088.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 10:46
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 06 01:20:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.141	6000512	57.662 ug/ml
Target Compounds			
2) N-DECANE	4.615	6781381	56.848 ug/ml
3) N-DODECANE	6.798	6860593	57.437 ug/ml
4) N-TETRADECANE	8.638	6871982	59.379 ug/ml
5) N-HEXADECANE	10.256	6830170	59.691 ug/ml
6) N-OCTADECANE	11.709	7010100	58.447 ug/ml
7) N-EICOSANE	13.029	7192922	57.863 ug/ml
8) N-DOCOSANE	14.236	6945826	58.175 ug/ml
10) N-TETRACOSANE	15.347	6893534	58.674 ug/ml
11) N-HEXACOSANE	16.374	6600932	58.755 ug/ml
12) N-OCTACOSANE	17.331	6567413	58.203 ug/ml

(f)=RT Delta > 1/2 Window

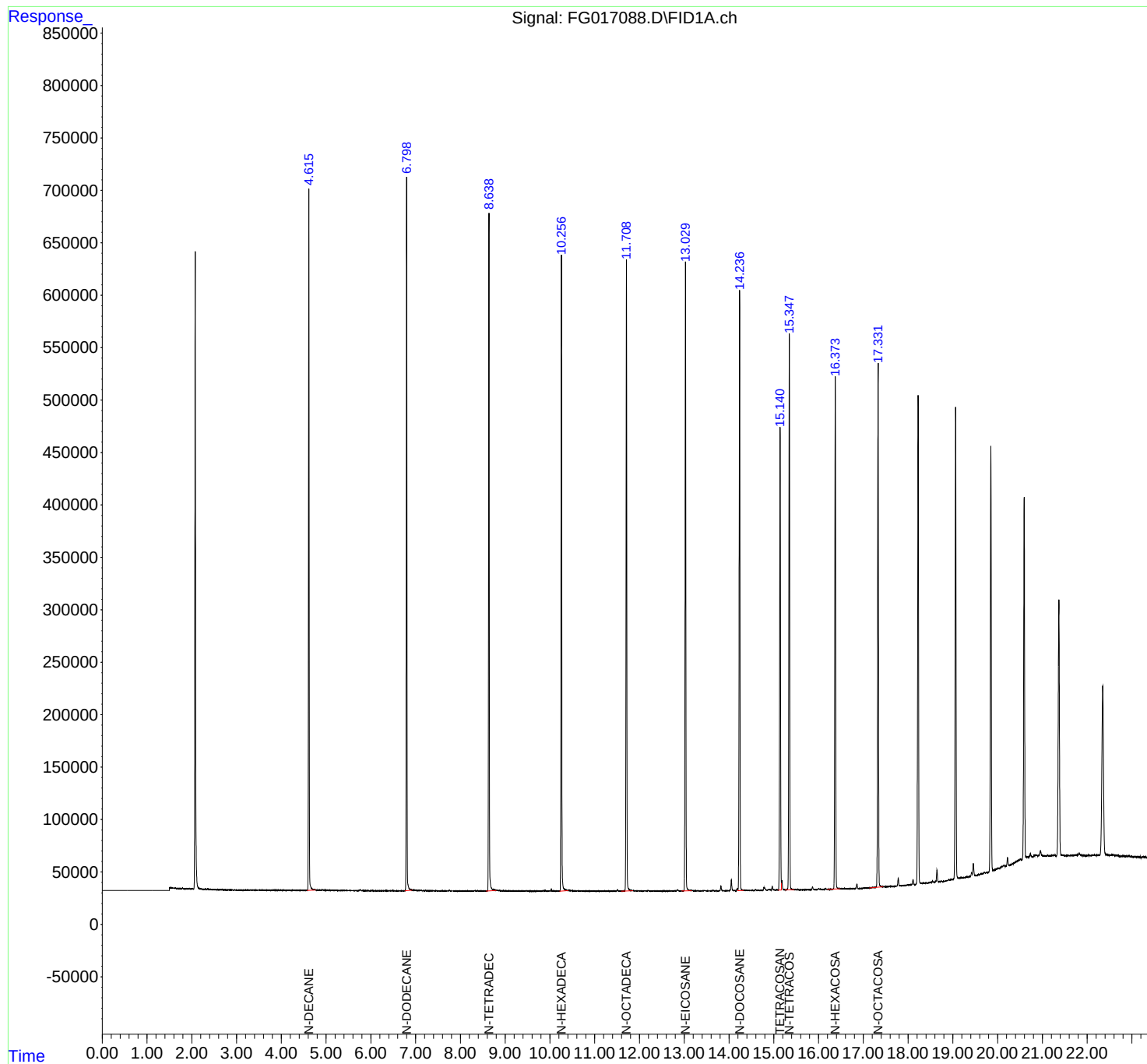
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017088.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 10:46
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Dec 06 01:20:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017092.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	68622687	137245	117521	16.783

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
 Data File : FG017092.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 14:22
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 06 01:22:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.141	5849773	56.213 ug/ml
Target Compounds			
2) N-DECANE	4.615	7111862	59.618 ug/ml
3) N-DODECANE	6.798	7127397	59.670 ug/ml
4) N-TETRADECANE	8.638	7039262	60.825 ug/ml
5) N-HEXADECANE	10.256	6897619	60.280 ug/ml
6) N-OCTADECANE	11.709	6999257	58.357 ug/ml
7) N-EICOSANE	13.029	7082130	56.972 ug/ml
8) N-DOCOSANE	14.235	6788927	56.861 ug/ml
10) N-TETRACOSANE	15.346	6721015	57.205 ug/ml
11) N-HEXACOSANE	16.374	6444492	57.362 ug/ml
12) N-OCTACOSANE	17.331	6410726	56.814 ug/ml

(f)=RT Delta > 1/2 Window

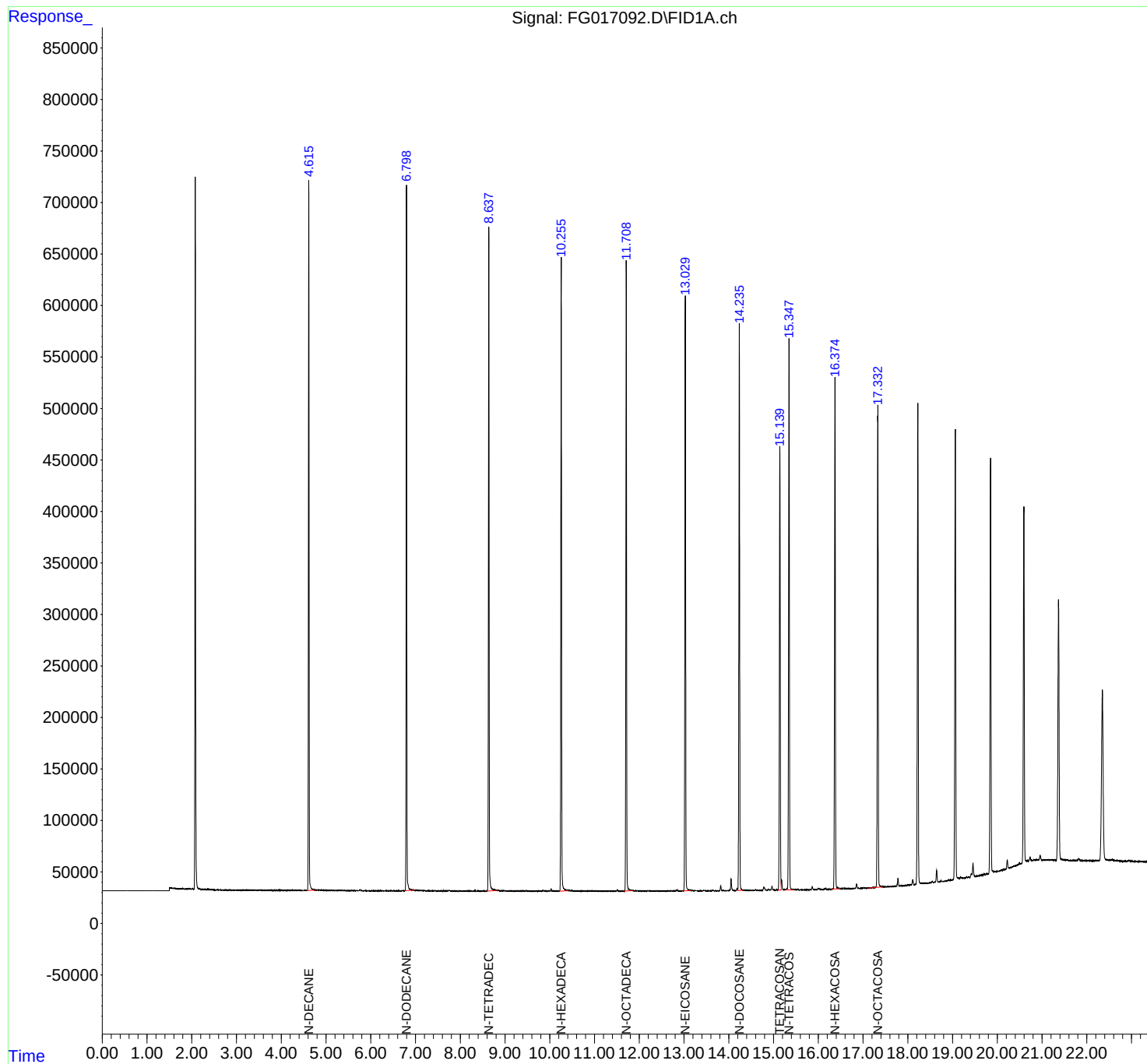
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017092.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 14:22
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Dec 06 01:22:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Project: Building 50 Probe Investigation

Instrument ID: FID_G

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

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.1388					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	04 Dec 2025 18:20	FG017071.D	15.141	
50 PPM TRPH STD	50 PPM TRPH STD	04 Dec 2025 18:50	FG017072.D	15.143	
PB170825BL	PB170825BL	04 Dec 2025 19:48	FG017074.D	15.139	
PB170825BS	PB170825BS	04 Dec 2025 20:17	FG017075.D	15.139	
B50-SP3-111925	Q3741-01	04 Dec 2025 20:47	FG017076.D	15.138	
B50-SP3-111925MS	Q3741-01MS	04 Dec 2025 21:16	FG017077.D	15.136	
B50-SP3-111925MSD	Q3741-01MSD	04 Dec 2025 21:45	FG017078.D	15.138	
B50-SP13-112025	Q3741-02	04 Dec 2025 22:15	FG017079.D	15.139	
B50-SP9-112425	Q3741-04	04 Dec 2025 23:13	FG017081.D	15.138	
B50-SP11-112525	Q3741-05	04 Dec 2025 23:42	FG017082.D	15.143	
B50-SP4-112525	Q3741-06	05 Dec 2025 00:12	FG017083.D	15.139	
PIBLK02	LBLK02	05 Dec 2025 00:41	FG017084.D	15.138	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 01:10	FG017085.D	15.141	
PIBLK03	LBLK03	05 Dec 2025 10:17	FG017087.D	15.139	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 10:46	FG017088.D	15.141	
B50-SP14-112025	Q3741-03	05 Dec 2025 13:23	FG017090.D	15.142	
PIBLK04	LBLK04	05 Dec 2025 13:53	FG017091.D	15.138	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 14:22	FG017092.D	15.141	



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170825BL		SDG No.:	Q3741
Lab Sample ID:	PB170825BL		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	169	U	1	169	1670	ug/kg	12/04/25 19:48	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	15.5			37 - 130	78%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017074.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 19:48
Operator : YP\AJ
Sample : PB170825BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170825BL

Integration File: Sample.e
Quant Time: Dec 05 03:01:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.139	1616839	15.537 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

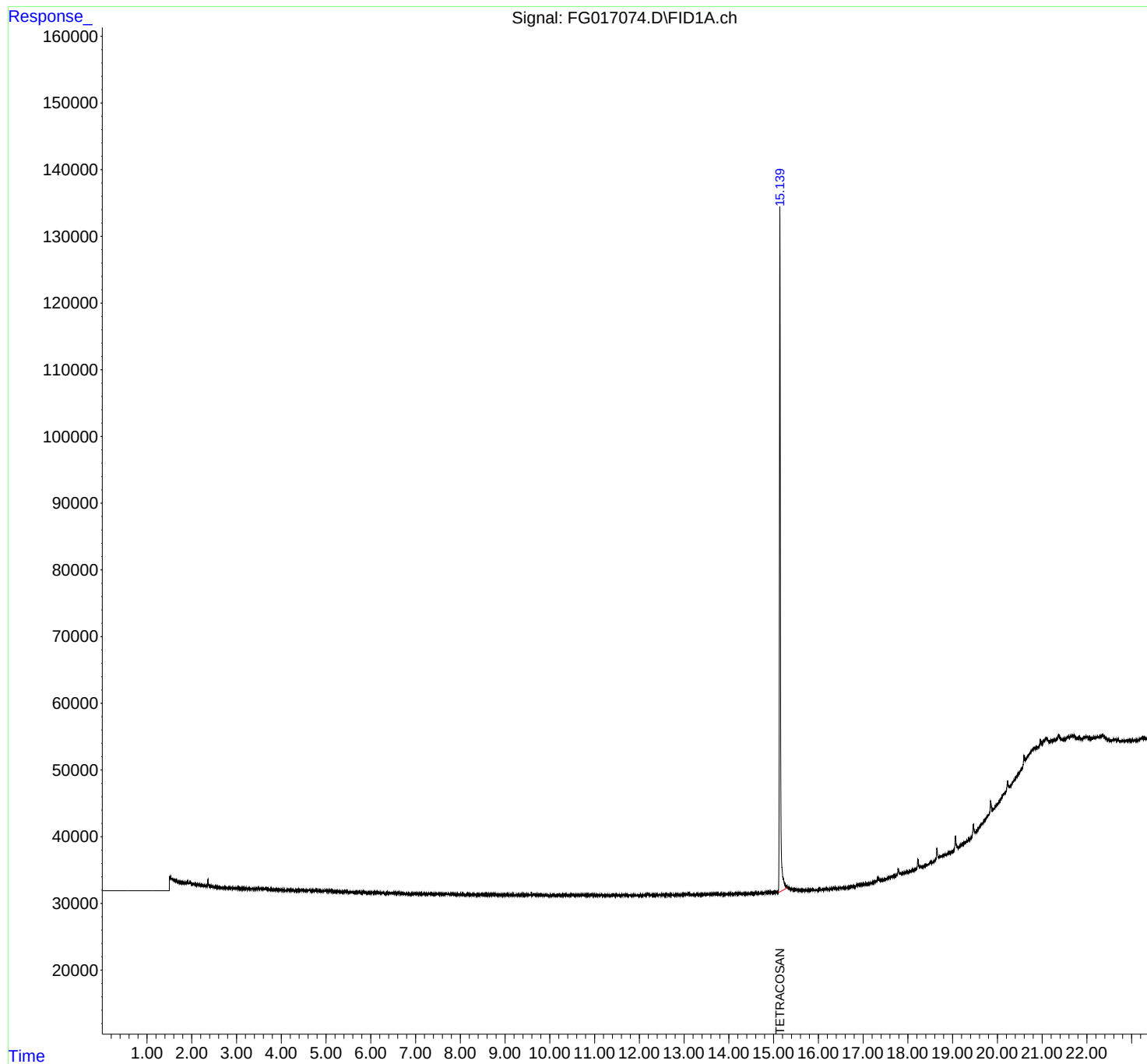
(m)=manual int.

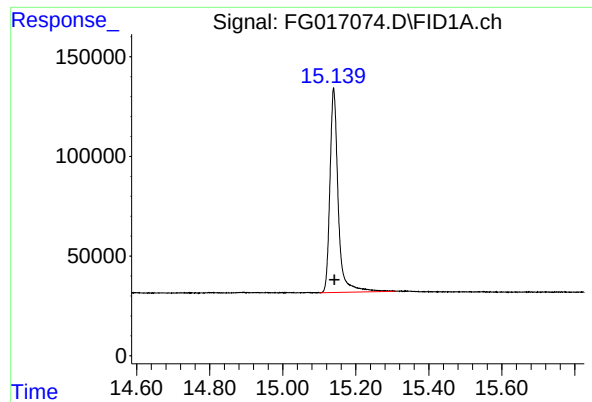
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017074.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 19:48
Operator : YP\AJ
Sample : PB170825BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170825BL

Integration File: Sample.e
Quant Time: Dec 05 03:01:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.139 min
Delta R.T.: -0.002 min
Response: 1616839
Conc: 15.54 ug/ml

Instrument :
FID_G
ClientSampleId :
PB170825BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017074.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 19:48
Sample : PB170825BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.139	15.102	15.309	BV	102443	1616839	100.00%	100.000%
Sum of corrected areas:						1616839		

FG120125.M Fri Dec 05 03:39:39 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/04/25
Project:	Building 50 Probe Investigation		Date Received:	12/04/25
Client Sample ID:	PIBLK-FG017071.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017071.D		Matrix:	Water
Analytical Method:	8015D DRO		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/04/25	FG120425
SURROGATES									
16416-32-3	Tetracosane-d50	21.5			29 - 130	108%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017071.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 18:20
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Dec 05 03:00:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.141	2239602	21.521 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

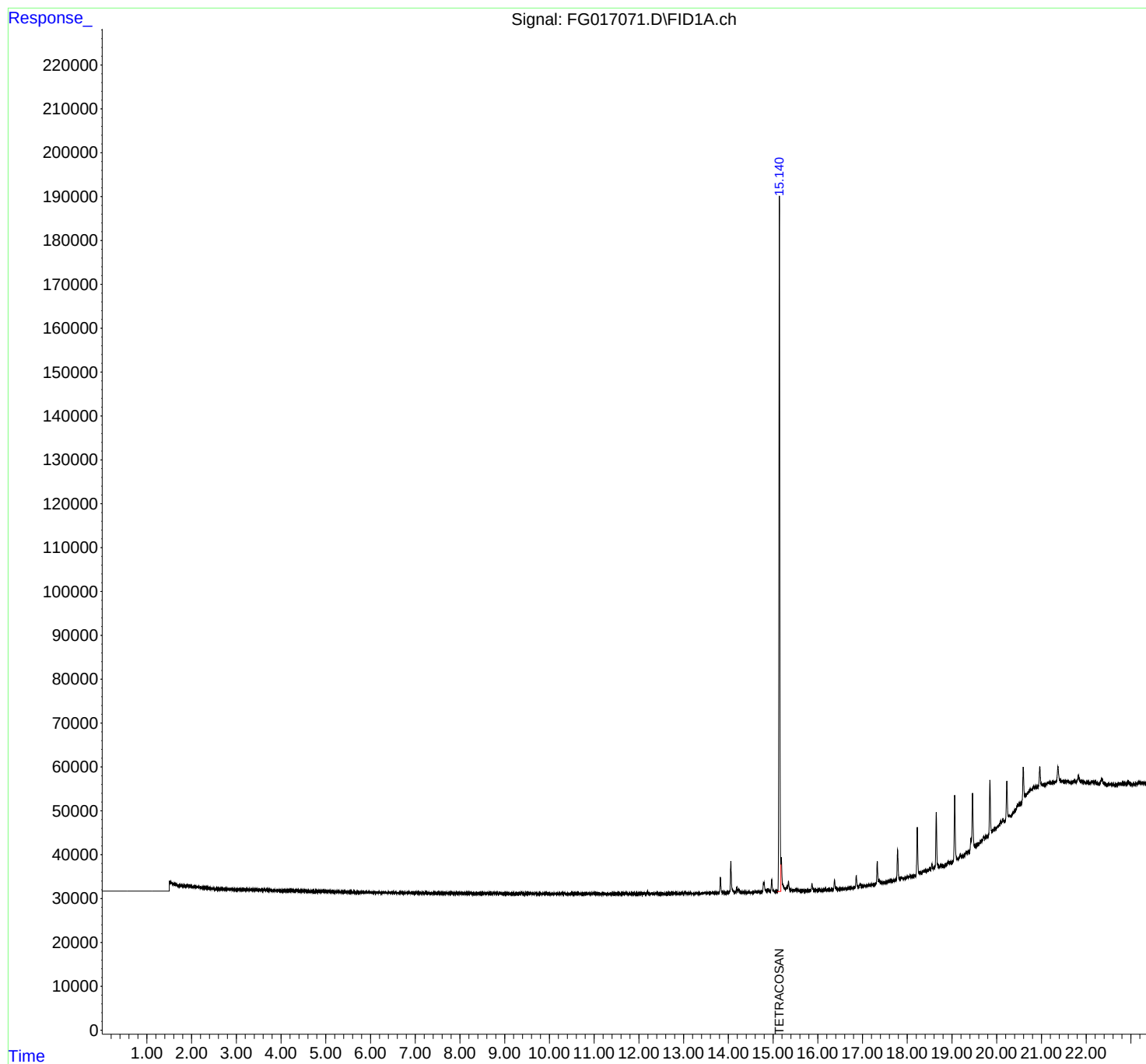
(m)=manual int.

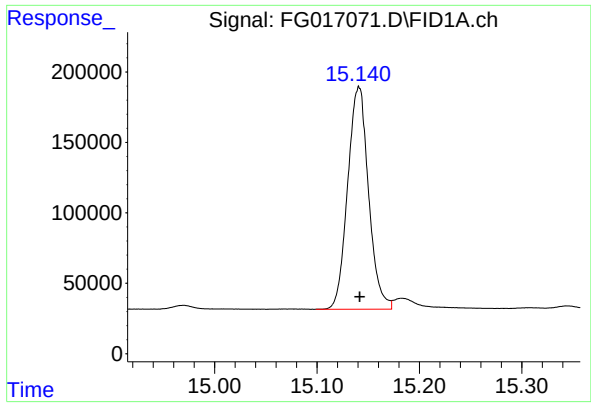
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017071.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 18:20
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Dec 05 03:00:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.141 min
Delta R.T.: 0.000 min
Response: 2239602
Conc: 21.52 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017071.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 18:20
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.141	15.099	15.173	BV	157996	2239602	100.00%	100.000%
Sum of corrected areas:						2239602		

FG120125.M Fri Dec 05 03:37:33 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/05/25
Project:	Building 50 Probe Investigation		Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017084.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017084.D		Matrix:	Water
Analytical Method:	8015D DRO		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120425
SURROGATES									
16416-32-3	Tetracosane-d50	21.5			29 - 130	107%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017084.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 00:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Dec 05 03:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.138	2235279	21.480 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

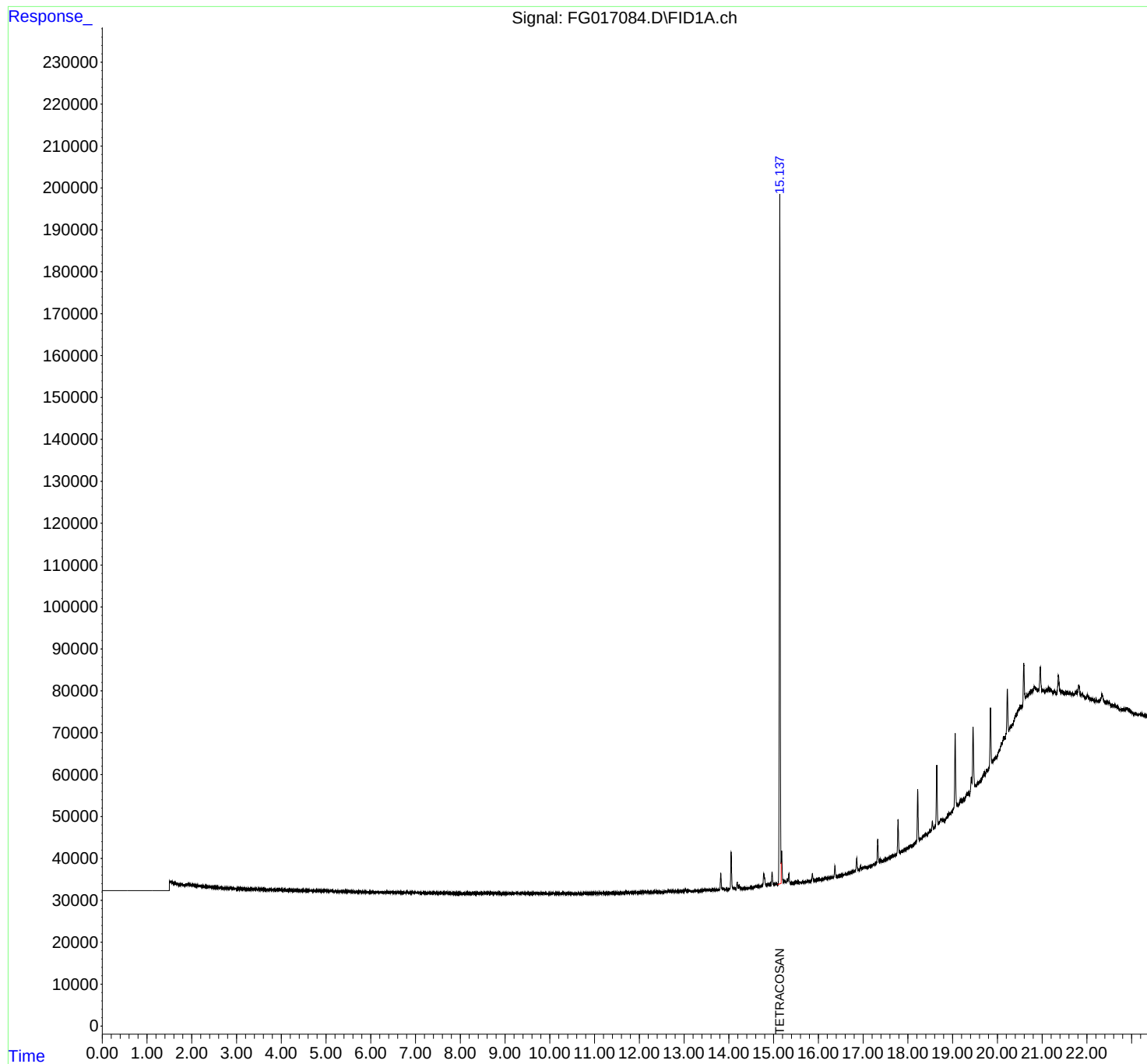
(m)=manual int.

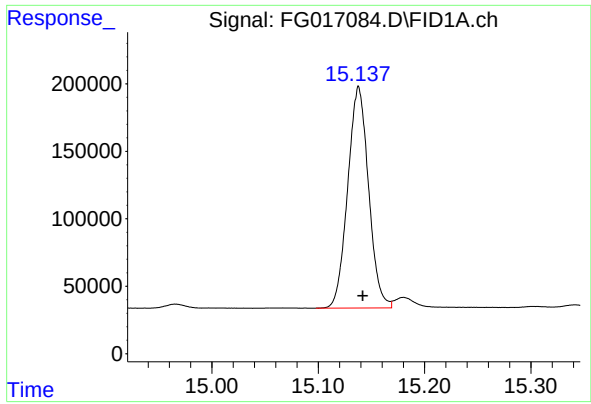
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017084.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 00:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Dec 05 03:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.138 min
Delta R.T.: -0.004 min
Response: 2235279
Conc: 21.48 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017084.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 00:41
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.138	15.098	15.169	BV	163666	2235279	100.00%	100.000%
Sum of corrected areas:						2235279		

FG120125.M Fri Dec 05 03:41:00 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/05/25
Project:	Building 50 Probe Investigation		Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017087.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017087.D		Matrix:	Water
Analytical Method:	8015D DRO		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120525
SURROGATES									
16416-32-3	Tetracosane-d50	25.9			29 - 130	130%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017087.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 10:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 06 01:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.139	2699763	25.943 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

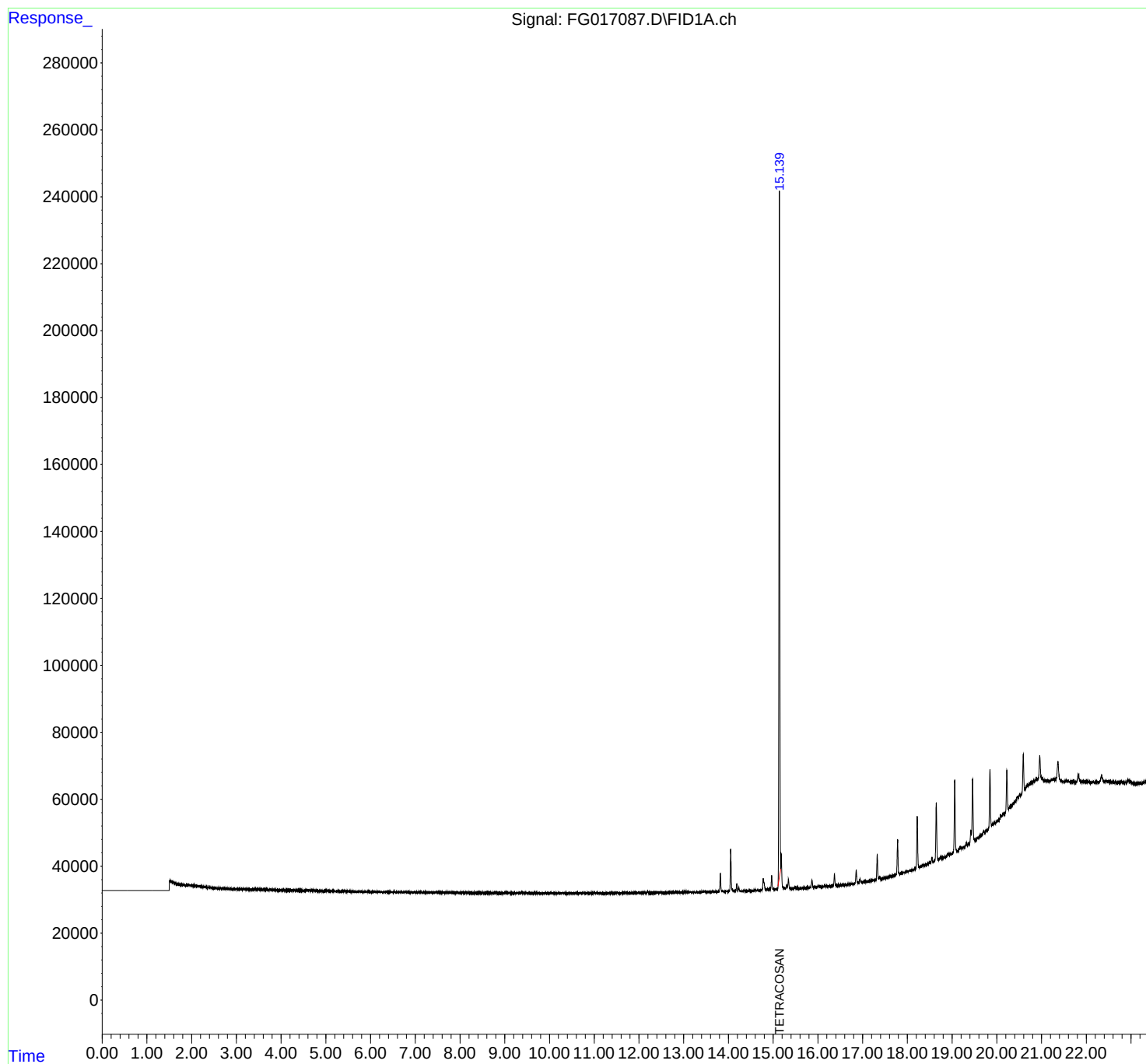
(m)=manual int.

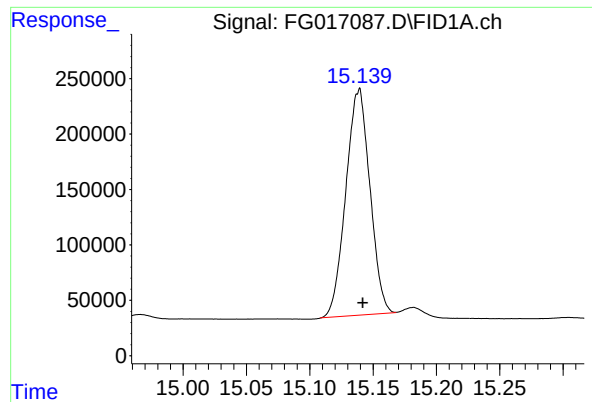
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017087.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 10:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 06 01:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.139 min
Delta R.T.: -0.002 min
Response: 2699763
Conc: 25.94 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/05/25
Project:	Building 50 Probe Investigation		Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017091.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017091.D		Matrix:	Water
Analytical Method:	8015D DRO		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120525
SURROGATES									
16416-32-3	Tetracosane-d50	24.6			29 - 130	123%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017091.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 13:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 06 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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...	15.138	2555635	24.558 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

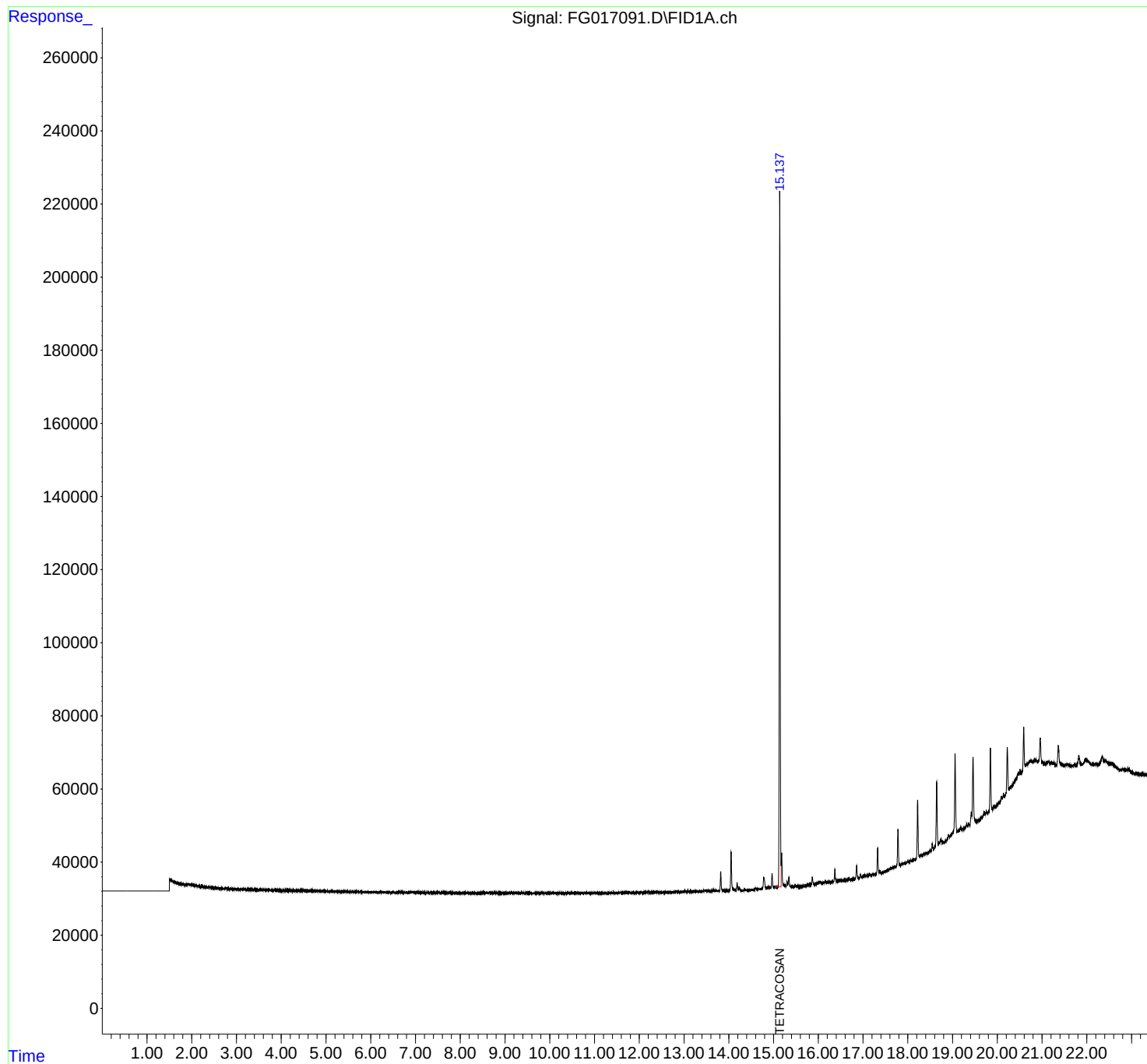
(m)=manual int.

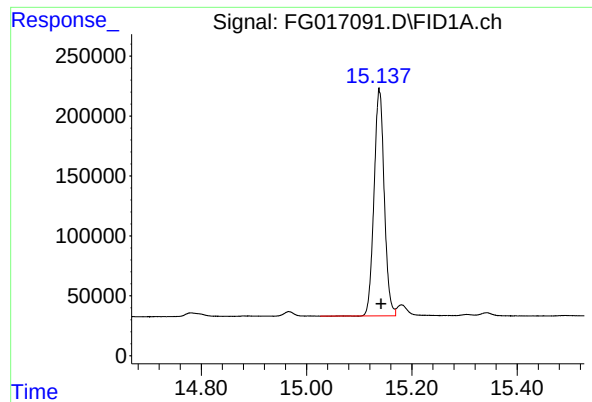
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
Data File : FG017091.D
Signal(s) : FID1A.ch
Acq On : 05 Dec 2025 13:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 06 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 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.: 15.138 min
Delta R.T.: -0.004 min
Response: 2555635
Conc: 24.56 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170825BS		SDG No.:	Q3741
Lab Sample ID:	PB170825BS		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	5330		1	169	1670	ug/kg	12/04/25 20:17	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	17.0			37 - 130	85%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017075.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 20:17
 Operator : YP\AJ
 Sample : PB170825BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170825BS

Integration File: Sample.e
 Quant Time: Dec 05 03:01:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.139	1770373	17.012 ug/ml
Target Compounds			
2) N-DECANE	4.615	1788327	14.991 ug/ml
3) N-DODECANE	6.798	1847275	15.465 ug/ml
4) N-TETRADECANE	8.637	1816949	15.700 ug/ml
5) N-HEXADECANE	10.254	1840200	16.082 ug/ml
6) N-OCTADECANE	11.707	1933694	16.122 ug/ml
7) N-EICOSANE	13.026	1982210	15.946 ug/ml
8) N-DOCOSANE	14.233	1965652	16.463 ug/ml
10) N-TETRACOSANE	15.344	1916134	16.309 ug/ml
11) N-HEXACOSANE	16.372	1878077	16.717 ug/ml
12) N-OCTACOSANE	17.328	1837607	16.286 ug/ml

(f)=RT Delta > 1/2 Window

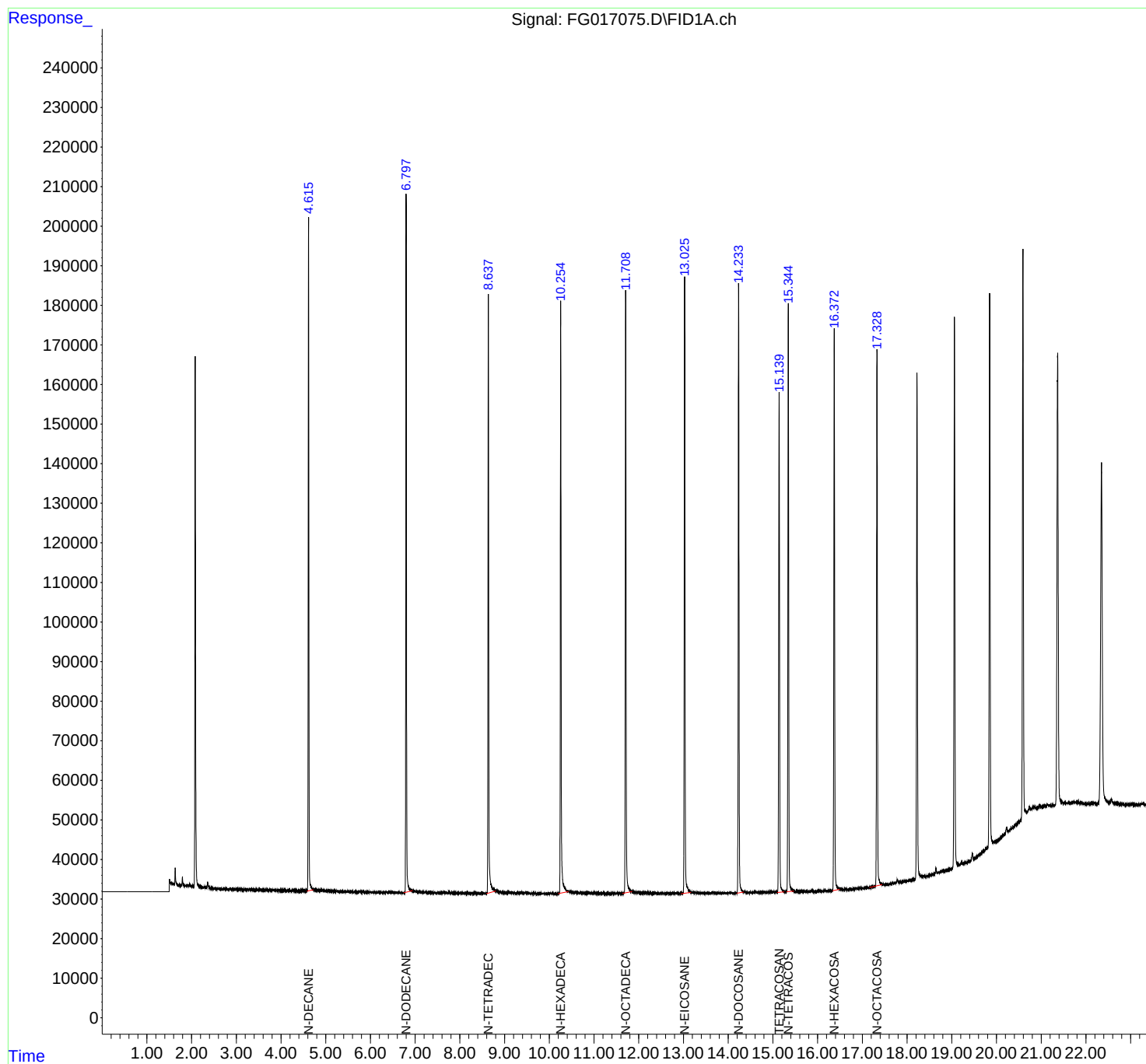
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017075.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 20:17
Operator : YP\AJ
Sample : PB170825BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170825BS

Integration File: Sample.e
Quant Time: Dec 05 03:01:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017075.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 20:17
Sample : PB170825BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.615	4.582	4.724	BB	169758	1788327	90.22%	8.691%
2	6.798	6.744	6.937	BB	175993	1847275	93.19%	8.978%
3	8.637	8.596	8.802	BB	151456	1816949	91.66%	8.830%
4	10.254	10.201	10.427	BB	149174	1840200	92.84%	8.943%
5	11.707	11.641	11.849	BB	151794	1933694	97.55%	9.398%
6	13.026	12.947	13.171	BB	155796	1982210	100.00%	9.633%
7	14.233	14.194	14.351	BB	153438	1965652	99.16%	9.553%
8	15.139	15.097	15.256	BB	126230	1770373	89.31%	8.604%
9	15.344	15.304	15.471	BB	148346	1916134	96.67%	9.312%
10	16.372	16.329	16.497	BB	142029	1878077	94.75%	9.127%
11	17.328	17.164	17.444	BB	135484	1837607	92.70%	8.931%
Sum of corrected areas:						20576497		

FG120125.M Fri Dec 05 03:40:20 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925MS	SDG No.:	Q3741
Lab Sample ID:	Q3741-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.6
Sample Wt/Vol:	30.06 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	11600		1	184	1820	ug/kg	12/04/25 21:16	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	9.13			37 - 130	46%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017077.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 21:16
 Operator : YP\AJ
 Sample : Q3741-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B50-SP3-111925MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
 Quant Time: Dec 05 03:02:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.136	949586	9.125 ug/mlm
Target Compounds			
2) N-DECANE	4.615	1587925	13.311 ug/ml
3) N-DODECANE	6.798	1735122	14.526 ug/ml
4) N-TETRADECANE	8.637	1972876	17.047 ug/ml
5) N-HEXADECANE	10.254	2302591	20.123 ug/ml
6) N-OCTADECANE	11.707	2367776	19.741 ug/ml
7) N-EICOSANE	13.026	2181765	17.551 ug/ml
8) N-DOCOSANE	14.233	2023078	16.944 ug/ml
10) N-TETRACOSANE	15.343	2125469	18.091 ug/mlm
11) N-HEXACOSANE	16.372	1888588	16.810 ug/mlm
12) N-OCTACOSANE	17.329	1947400	17.259 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017077.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 21:16
Operator : YP\AJ
Sample : Q3741-01MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

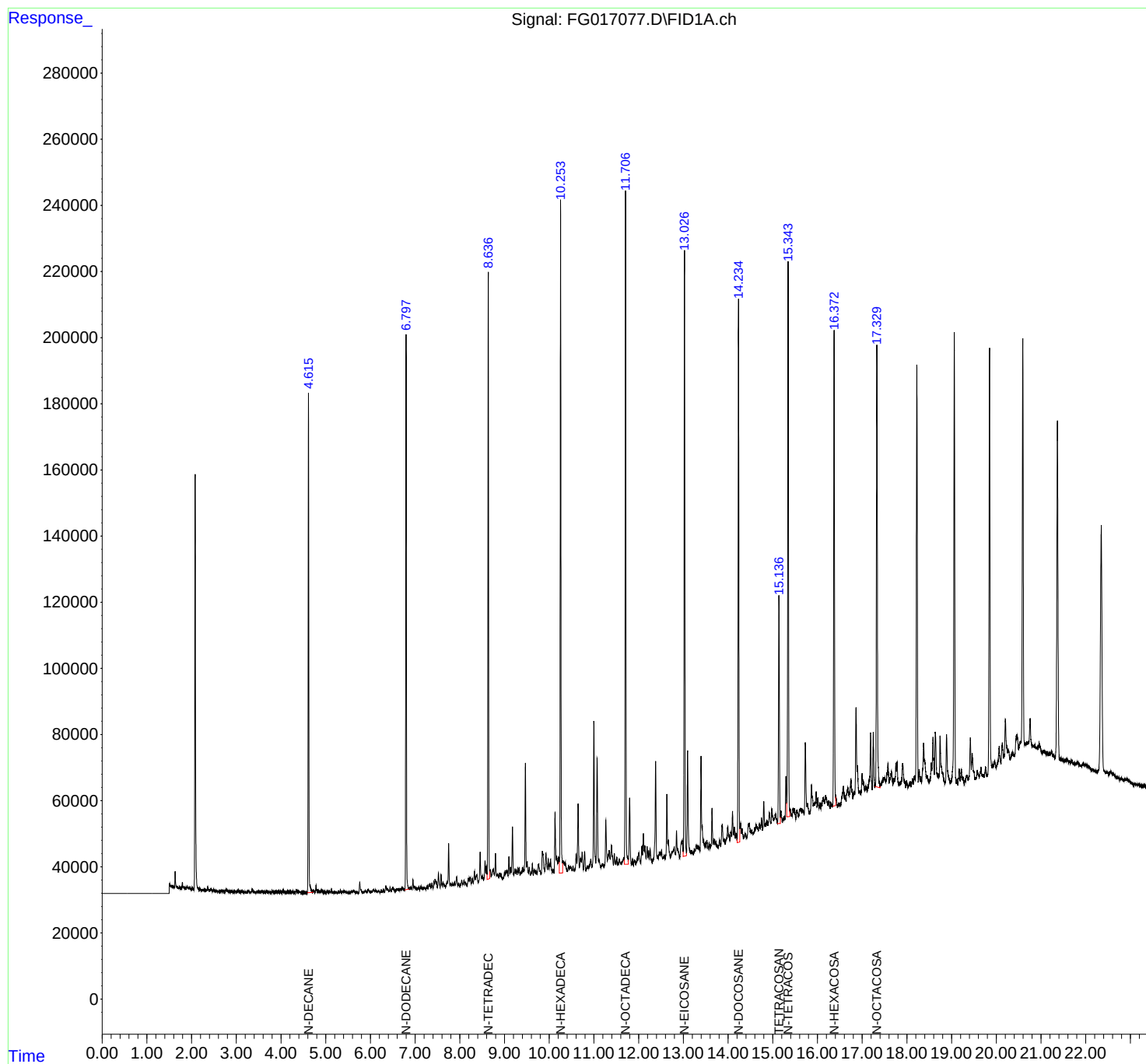
Instrument :
FID_G
ClientSampleId :
B50-SP3-111925MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:02:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017077.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 21:16
Sample : Q3741-01MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.230	2.218	2.236	BV	66	201	0.01%	0.001%
2	2.240	2.236	2.244	PV	120	362	0.02%	0.001%
3	2.248	2.244	2.266	VV	167	1029	0.04%	0.003%
4	2.278	2.266	2.288	PV	316	3003	0.13%	0.008%
5	2.294	2.288	2.334	VV	327	4733	0.20%	0.012%
6	2.359	2.334	2.396	PV	1338	18948	0.79%	0.049%
7	2.407	2.396	2.412	VV	173	1227	0.05%	0.003%
8	2.429	2.412	2.476	VV	671	12628	0.53%	0.033%
9	2.569	2.566	2.583	VV	213	1485	0.06%	0.004%
10	2.592	2.583	2.598	VV	146	682	0.03%	0.002%
11	2.656	2.624	2.678	PV	319	5411	0.23%	0.014%
12	2.682	2.678	2.699	VV	301	2548	0.11%	0.007%
13	2.704	2.699	2.719	VV	130	1174	0.05%	0.003%
14	2.722	2.719	2.737	VV	90	686	0.03%	0.002%
15	2.744	2.737	2.748	VV	131	393	0.02%	0.001%
16	2.771	2.748	2.806	VV	871	16359	0.68%	0.043%
17	2.810	2.806	2.828	VV	263	2695	0.11%	0.007%
18	2.904	2.873	2.921	VV	340	6683	0.28%	0.017%
19	2.926	2.921	2.944	VV	200	1837	0.08%	0.005%
20	2.948	2.944	2.954	VV	112	429	0.02%	0.001%
21	2.970	2.954	2.977	PV	245	2361	0.10%	0.006%
22	2.990	2.977	3.016	VV	387	4825	0.20%	0.013%
23	3.018	3.016	3.023	VV	186	619	0.03%	0.002%
24	3.046	3.023	3.102	VV	676	11734	0.49%	0.031%
25	3.156	3.153	3.191	VV	232	2908	0.12%	0.008%
26	3.201	3.191	3.211	VV	126	851	0.04%	0.002%
27	3.215	3.211	3.230	VV	138	753	0.03%	0.002%
28	3.274	3.230	3.303	PV	307	6323	0.26%	0.016%
29	3.308	3.303	3.313	VV	112	449	0.02%	0.001%
30	3.320	3.313	3.326	VV	126	584	0.02%	0.002%
31	3.391	3.387	3.395	VV	329	1440	0.06%	0.004%
32	3.432	3.427	3.454	VV	132	1509	0.06%	0.004%
33	3.478	3.454	3.484	VV	186	2531	0.11%	0.007%
34	3.500	3.484	3.512	VV	323	3517	0.15%	0.009%
35	3.596	3.593	3.615	VV	210	1572	0.07%	0.004%
36	3.621	3.615	3.628	VV	162	607	0.03%	0.002%

					rters			
37	3.706	3.700	3.721	VV	271	2692	0.11%	0.007%
38	3.725	3.721	3.743	VV	169	2097		
39	3.745	3.743	3.750	VV	236	825		
40	3.755	3.750	3.768	VV	231	1432		
41	3.772	3.768	3.781	VV	132	713		
42	3.803	3.781	3.836	VV	560	9366		
43	3.839	3.836	3.853	VV	196	1903	0.08%	0.005%
44	3.865	3.853	3.871	VV	314	2421	0.10%	0.006%
45	4.046	4.023	4.075	VV	820	11625	0.49%	0.030%
46	4.081	4.075	4.108	VV	250	3064	0.13%	0.008%
47	4.153	4.139	4.167	VV	563	6409	0.27%	0.017%
48	4.185	4.167	4.204	VV	475	7358	0.31%	0.019%
49	4.207	4.204	4.233	VV	321	4394	0.18%	0.011%
50	4.237	4.233	4.243	VV	208	1198	0.05%	0.003%
51	4.341	4.318	4.370	VV	1026	17340	0.73%	0.045%
52	4.387	4.370	4.408	VV	477	7691	0.32%	0.020%
53	4.426	4.408	4.439	VV	351	4441	0.19%	0.012%
54	4.443	4.439	4.480	VV	202	2854	0.12%	0.007%
55	4.512	4.480	4.526	PV	300	4389	0.18%	0.011%
56	4.530	4.526	4.539	VV	178	1202	0.05%	0.003%
57	4.554	4.539	4.578	VV	268	4156	0.17%	0.011%
58	4.615	4.578	4.683	VV	151262	1587767	66.43%	4.138%
59	4.687	4.683	4.714	VV	817	12442	0.52%	0.032%
60	4.730	4.714	4.759	VV	913	15884	0.66%	0.041%
61	4.784	4.759	4.819	VV	2428	37031	1.55%	0.097%
62	4.835	4.819	4.866	VV	678	15862	0.66%	0.041%
63	4.868	4.866	4.888	VV	562	5321	0.22%	0.014%
64	4.928	4.917	4.953	VV	558	7892	0.33%	0.021%
65	4.961	4.953	4.974	VV	352	3767	0.16%	0.010%
66	4.978	4.974	5.003	VV	419	4023	0.17%	0.010%
67	5.039	5.003	5.053	VV	487	9084	0.38%	0.024%
68	5.058	5.053	5.070	VV	392	3231	0.14%	0.008%
69	5.199	5.170	5.222	VV	374	6900	0.29%	0.018%
70	5.232	5.222	5.259	VV	233	2485	0.10%	0.006%
71	5.330	5.313	5.354	VV	613	9804	0.41%	0.026%
72	5.375	5.354	5.391	VV	538	7187	0.30%	0.019%
73	5.409	5.391	5.427	VV	641	9503	0.40%	0.025%
74	5.505	5.485	5.521	VV	141	2038	0.09%	0.005%
75	5.537	5.521	5.554	PV	328	4064	0.17%	0.011%
76	5.569	5.554	5.586	VV	506	6929	0.29%	0.018%
77	5.629	5.586	5.657	VV	674	20232	0.85%	0.053%
78	5.730	5.723	5.741	VV	139	610	0.03%	0.002%
79	5.761	5.741	5.788	PV	3217	44241	1.85%	0.115%
80	5.791	5.788	5.819	VV	939	9615	0.40%	0.025%
81	5.835	5.819	5.862	VV	278	4434	0.19%	0.012%
82	5.990	5.979	6.006	VV	390	4411	0.18%	0.011%
83	6.028	6.006	6.040	VV	430	6152	0.26%	0.016%
84	6.077	6.074	6.099	VV	925	9243	0.39%	0.024%
85	6.114	6.099	6.143	VV	840	13543	0.57%	0.035%
86	6.156	6.143	6.167	VV	521	5799	0.24%	0.015%
87	6.178	6.167	6.191	VV	360	5081	0.21%	0.013%
88	6.197	6.191	6.220	VV	472	3977	0.17%	0.010%
89	6.296	6.264	6.317	VV	937	15049	0.63%	0.039%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	6.375	6.370	6.384	VV	903	6970	0.29%	0.018%
91	6.390	6.384	6.417	VV	849	10434		
92	6.440	6.417	6.463	VV	1389	17196		
93	6.506	6.495	6.553	VV	1336	23958		
94	6.563	6.553	6.573	VV	306	3215		
95	6.590	6.573	6.606	VV	821	10890		
96	6.624	6.606	6.652	VV	561	11695	0.49%	0.030%
97	6.672	6.652	6.691	VV	729	12710	0.53%	0.033%
98	6.717	6.691	6.734	VV	1046	18933	0.79%	0.049%
99	6.740	6.734	6.760	VV	676	7691	0.32%	0.020%
100	6.798	6.760	6.865	VV	168054	1757599	73.54%	4.580%
101	6.886	6.865	6.900	VV	973	14699	0.61%	0.038%
102	6.918	6.900	6.933	VV	774	12792	0.54%	0.033%
103	6.951	6.933	6.978	VV	3195	42378	1.77%	0.110%
104	6.989	6.978	7.015	VV	1289	17709	0.74%	0.046%
105	7.022	7.015	7.046	VV	505	5544	0.23%	0.014%
106	7.085	7.072	7.103	VV	760	9787	0.41%	0.026%
107	7.130	7.103	7.155	VV	1093	18254	0.76%	0.048%
108	7.200	7.181	7.228	VV	588	9599	0.40%	0.025%
109	7.231	7.228	7.243	VV	229	1364	0.06%	0.004%
110	7.270	7.243	7.291	PV	772	12795	0.54%	0.033%
111	7.376	7.355	7.404	VV	1780	25638	1.07%	0.067%
112	7.422	7.404	7.432	VV	1817	20189	0.84%	0.053%
113	7.446	7.432	7.467	VV	2908	45699	1.91%	0.119%
114	7.522	7.499	7.563	VV	4680	73698	3.08%	0.192%
115	7.580	7.563	7.607	VV	4139	56585	2.37%	0.147%
116	7.624	7.607	7.643	VV	1836	26356	1.10%	0.069%
117	7.653	7.643	7.680	VV	860	14401	0.60%	0.038%
118	7.713	7.680	7.723	VV	1682	26884	1.12%	0.070%
119	7.750	7.723	7.782	VV	13343	166015	6.95%	0.433%
120	7.799	7.782	7.817	VV	1181	18019	0.75%	0.047%
121	7.837	7.817	7.853	VV	1111	18422	0.77%	0.048%
122	7.928	7.898	7.959	VV	3111	55085	2.30%	0.144%
123	7.975	7.959	7.998	VV	854	12126	0.51%	0.032%
124	8.012	7.998	8.024	PV	561	5460	0.23%	0.014%
125	8.092	8.071	8.111	VV	1826	27232	1.14%	0.071%
126	8.124	8.111	8.158	VV	1080	18688	0.78%	0.049%
127	8.189	8.158	8.200	VV	2181	29422	1.23%	0.077%
128	8.237	8.226	8.255	VV	2116	27188	1.14%	0.071%
129	8.281	8.255	8.302	VV	2016	33430	1.40%	0.087%
130	8.328	8.302	8.346	VV	4146	61139	2.56%	0.159%
131	8.381	8.346	8.414	VV	3055	79652	3.33%	0.208%
132	8.455	8.414	8.494	VV	9722	167685	7.02%	0.437%
133	8.509	8.494	8.530	VV	2593	40595	1.70%	0.106%
134	8.564	8.530	8.580	VV	6869	106454	4.45%	0.277%
135	8.593	8.580	8.609	VV	5185	70429	2.95%	0.184%
136	8.637	8.609	8.670	VV	184832	2018500	84.45%	5.260%
137	8.681	8.670	8.701	VV	3906	59641	2.50%	0.155%
138	8.750	8.701	8.777	VV	3974	136732	5.72%	0.356%
139	8.798	8.777	8.839	VV	8787	148054	6.19%	0.386%
140	8.854	8.839	8.872	VV	2245	37999	1.59%	0.099%
141	8.889	8.872	8.905	VV	2667	39589	1.66%	0.103%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rterres							B50-SP3-111925MS	
142	8.918	8.905	8.957	VV	1982	45304	1.90%	0.118%
143	8.971	8.957	8.979	VV	1128	12175	0.09%	0.055%
144	8.998	8.979	9.009	VV	2771	35368	1.21%	0.077%
145	9.030	9.009	9.041	VV	3161	52225	2.20%	0.137%
146	9.056	9.041	9.077	VV	3076	55220	2.20%	0.137%
147	9.099	9.077	9.118	VV	7283	103667	4.04%	0.248%
148	9.179	9.148	9.206	VV	16206	243654	10.19%	0.635%
149	9.232	9.206	9.246	VV	3322	56260	2.35%	0.147%
150	9.261	9.246	9.281	VV	2998	49115	2.05%	0.128%
151	9.298	9.281	9.316	VV	3303	52486	2.20%	0.137%
152	9.329	9.316	9.352	VV	3538	55629	2.33%	0.145%
153	9.366	9.352	9.374	VV	2033	25132	1.05%	0.065%
154	9.414	9.374	9.429	VV	3442	86823	3.63%	0.226%
155	9.468	9.429	9.492	VV	34940	454550	19.02%	1.185%
156	9.505	9.492	9.532	VV	5020	80899	3.38%	0.211%
157	9.553	9.532	9.577	VV	3232	59749	2.50%	0.156%
158	9.596	9.577	9.601	VV	1569	17121	0.72%	0.045%
159	9.622	9.601	9.642	VV	4330	61352	2.57%	0.160%
160	9.659	9.642	9.687	VV	2066	47638	1.99%	0.124%
161	9.700	9.687	9.725	VV	1845	34647	1.45%	0.090%
162	9.762	9.725	9.819	VV	3932	120849	5.06%	0.315%
163	9.847	9.819	9.901	VV	7738	197738	8.27%	0.515%
164	9.927	9.901	9.961	VV	6961	147080	6.15%	0.383%
165	9.978	9.961	9.995	VV	5130	70455	2.95%	0.184%
166	10.009	9.995	10.018	VV	3454	40210	1.68%	0.105%
167	10.030	10.018	10.067	VV	4982	80049	3.35%	0.209%
168	10.092	10.067	10.108	VV	1601	28879	1.21%	0.075%
169	10.130	10.108	10.157	VV	18792	266169	11.14%	0.694%
170	10.169	10.157	10.189	VV	5148	86301	3.61%	0.225%
171	10.210	10.189	10.226	VV	5321	97455	4.08%	0.254%
172	10.254	10.226	10.302	VV	202615	2324466	97.26%	6.058%
173	10.315	10.302	10.328	VV	4063	57639	2.41%	0.150%
174	10.335	10.328	10.347	VV	3401	36559	1.53%	0.095%
175	10.360	10.347	10.403	VV	3514	69384	2.90%	0.181%
176	10.430	10.403	10.446	VV	2113	37741	1.58%	0.098%
177	10.468	10.446	10.482	VV	1703	34738	1.45%	0.091%
178	10.488	10.482	10.512	VV	1736	22319	0.93%	0.058%
179	10.532	10.512	10.556	VV	1871	30043	1.26%	0.078%
180	10.602	10.556	10.618	VV	5613	91756	3.84%	0.239%
181	10.646	10.618	10.675	VV	20675	316968	13.26%	0.826%
182	10.699	10.675	10.718	VV	4089	80066	3.35%	0.209%
183	10.792	10.764	10.822	VV	5902	89354	3.74%	0.233%
184	10.849	10.822	10.867	PV	1432	24969	1.04%	0.065%
185	10.929	10.867	10.956	VV	3413	93869	3.93%	0.245%
186	10.999	10.956	11.041	VV	44877	615994	25.77%	1.605%
187	11.071	11.041	11.102	VV	33582	508386	21.27%	1.325%
188	11.111	11.102	11.155	VV	2802	55966	2.34%	0.146%
189	11.202	11.155	11.226	VV	1358	41599	1.74%	0.108%
190	11.265	11.226	11.303	VV	14509	253564	10.61%	0.661%
191	11.321	11.303	11.327	VV	4035	51432	2.15%	0.134%
192	11.344	11.327	11.364	VV	5283	90403	3.78%	0.236%
193	11.394	11.364	11.436	VV	6718	164275	6.87%	0.428%
194	11.455	11.436	11.474	VV	4109	53392	2.23%	0.139%

195	11.478	11.474	11.495	VV	1471	15519	0.65%	0.040%
196	11.509	11.495	11.532	VV	2981	39803		
197	11.537	11.532	11.545	VV	990	6380		
198	11.569	11.545	11.593	VV	2137	41207		
199	11.607	11.593	11.616	VV	1095	12678		
200	11.663	11.616	11.678	VV	2518	61191		
201	11.707	11.678	11.771	VV	203840	2390054	100.00%	6.228%
202	11.798	11.771	11.844	VV	20333	309530	12.95%	0.807%
203	11.862	11.844	11.887	VV	1468	18319	0.77%	0.048%
204	11.907	11.887	11.937	PV	1350	19444	0.81%	0.051%
205	12.000	11.937	12.048	VV	3203	97268	4.07%	0.253%
206	12.073	12.048	12.087	VV	5114	70546	2.95%	0.184%
207	12.141	12.125	12.165	VV	5150	86789	3.63%	0.226%
208	12.190	12.165	12.209	VV	4823	77410	3.24%	0.202%
209	12.222	12.209	12.241	VV	3530	45382	1.90%	0.118%
210	12.257	12.241	12.303	VV	4010	62678	2.62%	0.163%
211	12.380	12.303	12.419	PV	30269	454051	19.00%	1.183%
212	12.423	12.419	12.428	VV	1109	4861	0.20%	0.013%
213	12.481	12.428	12.500	VV	2471	75700	3.17%	0.197%
214	12.513	12.500	12.536	VV	3169	39205	1.64%	0.102%
215	12.554	12.536	12.560	VV	1064	11834	0.50%	0.031%
216	12.580	12.560	12.595	VV	1236	18454	0.77%	0.048%
217	12.632	12.595	12.655	VV	19781	265788	11.12%	0.693%
218	12.666	12.655	12.706	VV	5888	96911	4.05%	0.253%
219	12.742	12.706	12.752	VV	2068	37077	1.55%	0.097%
220	12.848	12.827	12.885	VV	8267	129981	5.44%	0.339%
221	12.888	12.885	12.920	VV	1932	19292	0.81%	0.050%
222	12.958	12.920	12.968	PV	4675	81049	3.39%	0.211%
223	12.975	12.968	12.996	VV	4998	61684	2.58%	0.161%
224	13.026	12.996	13.070	VV	182704	2186732	91.49%	5.699%
225	13.095	13.070	13.161	VV	31850	485059	20.29%	1.264%
226	13.176	13.161	13.187	VV	1345	16328	0.68%	0.043%
227	13.188	13.187	13.193	VV	1288	4323	0.18%	0.011%
228	13.199	13.193	13.223	VV	1073	10734	0.45%	0.028%
229	13.252	13.223	13.267	PV	1369	24086	1.01%	0.063%
230	13.289	13.267	13.308	VV	2574	48065	2.01%	0.125%
231	13.325	13.308	13.336	VV	1986	29609	1.24%	0.077%
232	13.346	13.336	13.373	VV	1671	30243	1.27%	0.079%
233	13.396	13.373	13.416	VV	29148	363244	15.20%	0.947%
234	13.422	13.416	13.444	VV	8368	94907	3.97%	0.247%
235	13.451	13.444	13.474	VV	3455	46284	1.94%	0.121%
236	13.490	13.474	13.508	VV	2744	41703	1.74%	0.109%
237	13.527	13.508	13.561	VV	3267	59034	2.47%	0.154%
238	13.576	13.561	13.596	VV	2059	25879	1.08%	0.067%
239	13.641	13.596	13.664	VV	12523	171655	7.18%	0.447%
240	13.688	13.664	13.708	VV	2965	53487	2.24%	0.139%
241	13.720	13.708	13.781	VV	1895	39528	1.65%	0.103%
242	13.811	13.781	13.839	PV	2134	36841	1.54%	0.096%
243	13.870	13.839	13.908	VV	6723	136310	5.70%	0.355%
244	13.995	13.941	14.014	VV	5485	122419	5.12%	0.319%
245	14.023	14.014	14.043	VV	2793	37360	1.56%	0.097%
246	14.060	14.043	14.078	VV	3608	53990	2.26%	0.141%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

				rters				
247	14.100	14.078	14.126	VV	9554	145137	6.07%	0.378%
248	14.140	14.126	14.166	VV	4458	73071		
249	14.181	14.166	14.203	VV	2542	36295		
250	14.233	14.203	14.262	VV	163279	2007652	84	
251	14.280	14.262	14.298	VV	5080	88563		
252	14.315	14.298	14.359	VV	3241	60055		
253	14.527	14.500	14.532	VV	2037	31035	1.30%	0.081%
254	14.535	14.532	14.545	VV	1955	11672	0.49%	0.030%
255	14.549	14.545	14.553	VV	1117	4448	0.19%	0.012%
256	14.557	14.553	14.572	VV	975	10469	0.44%	0.027%
257	14.630	14.611	14.657	VV	3225	65562	2.74%	0.171%
258	14.834	14.823	14.845	VV	2575	28679	1.20%	0.075%
259	14.870	14.845	14.888	VV	3285	63894	2.67%	0.167%
260	14.924	14.888	14.956	VV	5417	134228	5.62%	0.350%
261	14.982	14.956	15.021	VV	6308	150719	6.31%	0.393%
262	15.036	15.021	15.040	VV	3154	33820	1.42%	0.088%
263	15.063	15.040	15.108	VV	4440	124056	5.19%	0.323%
264	15.137	15.108	15.168	VV	69558	988527	41.36%	2.576%
265	15.188	15.168	15.214	VV	4686	90478	3.79%	0.236%
266	15.227	15.214	15.235	VV	2358	22424	0.94%	0.058%
267	15.255	15.235	15.271	VV	2654	46912	1.96%	0.122%
268	15.295	15.271	15.313	VV	14729	218482	9.14%	0.569%
269	15.343	15.313	15.385	VV	169746	2231969	93.39%	5.817%
270	15.391	15.385	15.433	VV	4196	85006	3.56%	0.222%
271	15.484	15.468	15.518	VV	4169	77781	3.25%	0.203%
272	15.537	15.518	15.543	VV	3495	35822	1.50%	0.093%
273	15.546	15.543	15.551	VV	3073	14241	0.60%	0.037%
274	15.555	15.551	15.579	VV	2711	32242	1.35%	0.084%
275	15.621	15.579	15.635	VV	3631	93647	3.92%	0.244%
276	15.648	15.635	15.685	VV	3285	74202	3.10%	0.193%
277	15.686	15.685	15.700	VV	2277	15734	0.66%	0.041%
278	15.728	15.700	15.764	VV	22761	388921	16.27%	1.014%
279	15.780	15.764	15.818	VV	4335	87794	3.67%	0.229%
280	15.867	15.818	15.906	VV	9449	225644	9.44%	0.588%
281	15.919	15.906	15.937	VV	3644	62367	2.61%	0.163%
282	15.970	15.937	15.993	VV	6838	144940	6.06%	0.378%
283	16.086	16.074	16.104	VV	2870	40797	1.71%	0.106%
284	16.135	16.104	16.159	VV	4608	116915	4.89%	0.305%
285	16.258	16.229	16.283	VV	2935	62320	2.61%	0.162%
286	16.296	16.283	16.309	VV	2320	21304	0.89%	0.056%
287	16.310	16.309	16.316	VV	1500	4608	0.19%	0.012%
288	16.328	16.316	16.336	VV	1439	14681	0.61%	0.038%
289	16.373	16.336	16.406	VV	144273	1923916	80.50%	5.014%
290	16.410	16.406	16.451	VV	3369	53321	2.23%	0.139%
291	16.467	16.451	16.474	PV	1060	9914	0.41%	0.026%
292	16.476	16.474	16.497	VV	1276	9897	0.41%	0.026%
293	16.512	16.497	16.522	VV	1011	7761	0.32%	0.020%
294	16.543	16.522	16.548	PV	2634	26932	1.13%	0.070%
295	16.615	16.604	16.643	VV	2759	39306	1.64%	0.102%
296	16.680	16.643	16.717	VV	4574	131785	5.51%	0.343%
297	16.817	16.798	16.823	VV	2507	27705	1.16%	0.072%
298	16.829	16.823	16.833	VV	2086	11074	0.46%	0.029%
299	16.863	16.833	16.886	VV	27511	424874	17.78%	1.107%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/08/2025

300	16.895	16.886	16.926	VV	9880	137023	5.73%	0.357%
301	16.932	16.926	16.954	VV	1786	24211		
302	16.959	16.954	16.964	VV	1441	7310		
303	16.999	16.964	17.028	VV	6716	134911		
304	17.032	17.028	17.052	VV	3830	35357		
305	17.058	17.052	17.067	VV	1521	11870		
306	17.074	17.067	17.078	VV	2362	13757	0.58%	0.036%
307	17.083	17.078	17.108	VV	2245	30033	1.26%	0.078%
308	17.126	17.108	17.134	VV	2045	18970	0.79%	0.049%
309	17.188	17.134	17.227	VV	17603	327271	13.69%	0.853%
310	17.249	17.227	17.283	VV	16965	233961	9.79%	0.610%
311	17.286	17.283	17.292	VV	1269	4881	0.20%	0.013%
312	17.329	17.292	17.403	VV	133751	1956714	81.87%	5.099%
313	17.405	17.403	17.418	PV	433	2658	0.11%	0.007%
314	17.435	17.418	17.439	PV	525	4187	0.18%	0.011%
315	17.455	17.439	17.462	VV	1154	8343	0.35%	0.022%
316	17.463	17.462	17.468	VV	864	1469	0.06%	0.004%
Sum of corrected areas:						38372985		

Instrument :
FID_G
ClientSampleId :
B50-SP3-111925MS

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

FG120125.M Fri Dec 05 03:52:10 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/19/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925MSD		SDG No.:	Q3741
Lab Sample ID:	Q3741-01MSD		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	91.6
Sample Wt/Vol:	30.08 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	11300		1	184	1820	ug/kg	12/04/25 21:45	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	8.47			37 - 130	42%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017078.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 21:45
 Operator : YP\AJ
 Sample : Q3741-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B50-SP3-111925MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
 Quant Time: Dec 05 03:02:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.138	881617	8.472 ug/mlm
Target Compounds			
2) N-DECANE	4.615	1459279	12.233 ug/ml
3) N-DODECANE	6.797	1586510	13.282 ug/ml
4) N-TETRADECANE	8.637	1857066	16.046 ug/ml
5) N-HEXADECANE	10.254	2028798	17.730 ug/ml
6) N-OCTADECANE	11.707	2216552	18.481 ug/ml
7) N-EICOSANE	13.026	2033676	16.360 ug/ml
8) N-DOCOSANE	14.233	1889099	15.822 ug/ml
10) N-TETRACOSANE	15.343	2027633	17.258 ug/mlm
11) N-HEXACOSANE	16.372	1778865	15.834 ug/mlm
12) N-OCTACOSANE	17.328	1804922	15.996 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017078.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 21:45
Operator : YP\AJ
Sample : Q3741-01MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

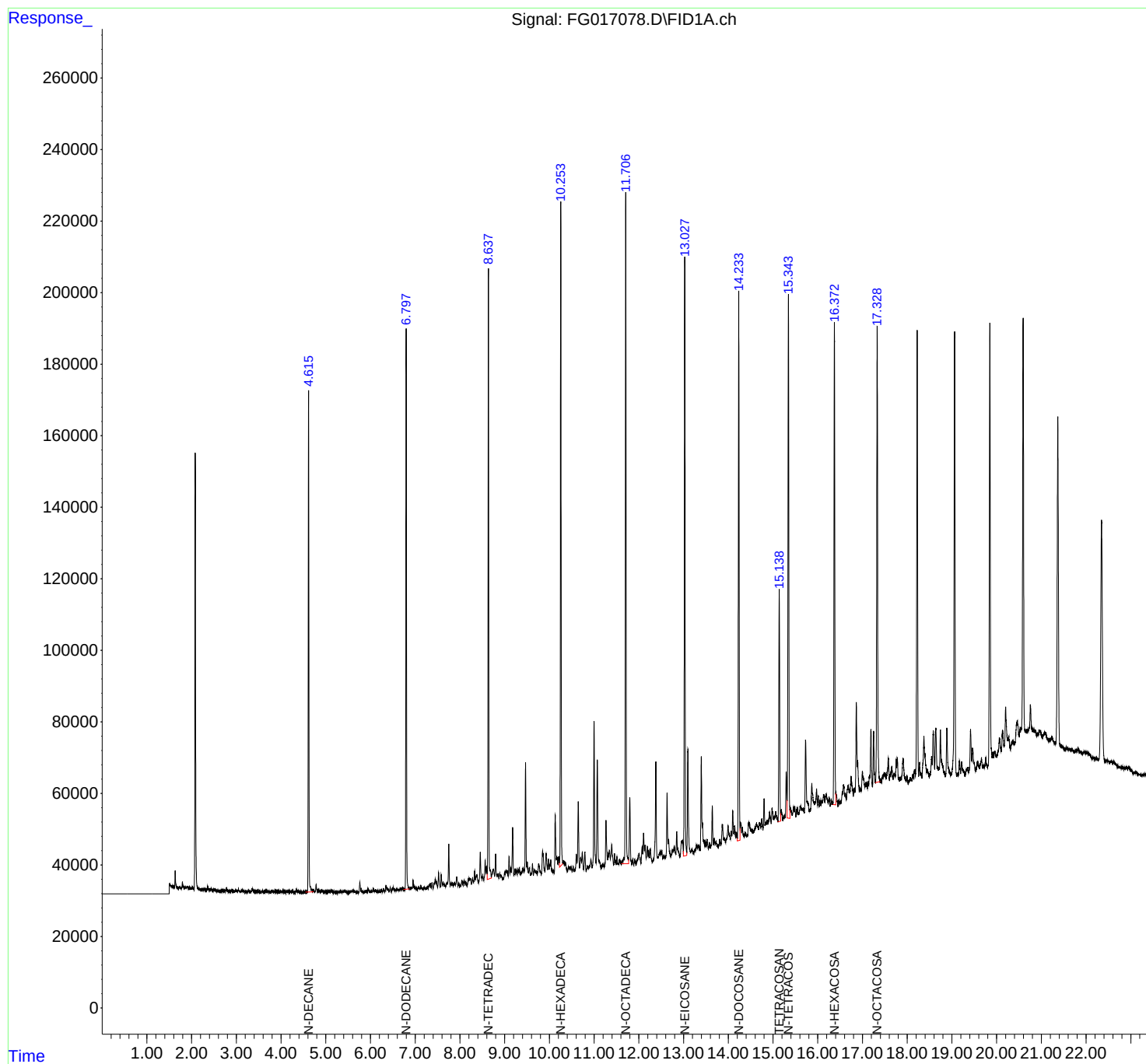
Instrument :
FID_G
ClientSampleId :
B50-SP3-111925MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
Data File : FG017078.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 21:45
Sample : Q3741-01MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.240	2.218	2.245	BV	70	539	0.02%	0.001%
2	2.248	2.245	2.265	VV	113	657	0.03%	0.002%
3	2.278	2.265	2.289	VV	277	2678	0.12%	0.007%
4	2.295	2.289	2.333	VV	298	3684	0.17%	0.010%
5	2.359	2.333	2.406	PV	1287	17759	0.80%	0.048%
6	2.430	2.406	2.468	VV	611	11926	0.54%	0.032%
7	2.472	2.468	2.478	VV	138	349	0.02%	0.001%
8	2.495	2.478	2.512	PV	615	6720	0.30%	0.018%
9	2.527	2.512	2.557	VV	365	5076	0.23%	0.014%
10	2.562	2.557	2.575	VV	168	1080	0.05%	0.003%
11	2.578	2.575	2.606	VV	143	1360	0.06%	0.004%
12	2.615	2.606	2.621	VV	113	456	0.02%	0.001%
13	2.659	2.621	2.677	PV	287	4116	0.19%	0.011%
14	2.685	2.677	2.701	VV	256	2461	0.11%	0.007%
15	2.706	2.701	2.731	VV	105	1286	0.06%	0.003%
16	2.734	2.731	2.754	PV	84	571	0.03%	0.002%
17	2.772	2.754	2.808	VV	714	14293	0.64%	0.038%
18	2.816	2.808	2.823	VV	264	1301	0.06%	0.003%
19	2.828	2.823	2.854	VV	173	3034	0.14%	0.008%
20	2.859	2.854	2.869	VV	129	954	0.04%	0.003%
21	2.897	2.869	2.922	VV	328	5734	0.26%	0.015%
22	2.932	2.922	2.948	VV	183	1170	0.05%	0.003%
23	2.992	2.948	3.004	PV	320	5205	0.23%	0.014%
24	3.007	3.004	3.016	VV	191	817	0.04%	0.002%
25	3.046	3.016	3.080	VV	619	9933	0.45%	0.027%
26	3.084	3.080	3.092	VV	100	557	0.03%	0.001%
27	3.105	3.092	3.110	VV	172	1264	0.06%	0.003%
28	3.132	3.110	3.152	VV	392	6554	0.30%	0.018%
29	3.161	3.152	3.188	VV	288	3147	0.14%	0.008%
30	3.192	3.188	3.197	VV	69	389	0.02%	0.001%
31	3.203	3.197	3.242	VV	138	2095	0.09%	0.006%
32	3.270	3.242	3.305	PV	277	5862	0.26%	0.016%
33	3.309	3.305	3.324	VV	126	789	0.04%	0.002%
34	3.353	3.324	3.385	PV	1029	17058	0.77%	0.046%
35	3.394	3.385	3.423	VV	346	5233	0.24%	0.014%
36	3.426	3.423	3.437	VV	147	764	0.03%	0.002%

					retention			
37	3.440	3.437	3.449	VV	151	571	0.03%	0.002%
38	3.471	3.449	3.485	VV	188	2192		
39	3.497	3.485	3.517	VV	243	3020		
40	3.530	3.517	3.552	VV	246	3023		
41	3.577	3.552	3.594	VV	394	5151		
42	3.597	3.594	3.626	VV	185	2015		
43	3.631	3.626	3.651	VV	155	1514	0.07%	0.004%
44	3.670	3.651	3.698	VV	525	8392	0.38%	0.022%
45	3.702	3.698	3.706	VV	220	942	0.04%	0.003%
46	3.711	3.706	3.728	VV	277	2732	0.12%	0.007%
47	3.741	3.728	3.762	VV	244	3343	0.15%	0.009%
48	3.766	3.762	3.771	VV	149	699	0.03%	0.002%
49	3.782	3.771	3.788	VV	189	1071	0.05%	0.003%
50	3.805	3.788	3.835	VV	545	8074	0.36%	0.022%
51	3.838	3.835	3.847	VV	209	1304	0.06%	0.003%
52	3.861	3.847	3.865	VV	257	2133	0.10%	0.006%
53	3.869	3.865	3.874	VV	259	1118	0.05%	0.003%
54	3.888	3.874	3.902	VV	370	4723	0.21%	0.013%
55	3.905	3.902	3.931	VV	283	3551	0.16%	0.010%
56	3.947	3.931	3.962	VV	544	5959	0.27%	0.016%
57	3.968	3.962	3.979	VV	232	1957	0.09%	0.005%
58	3.992	3.979	4.013	VV	486	5555	0.25%	0.015%
59	4.017	4.013	4.023	VV	100	305	0.01%	0.001%
60	4.045	4.023	4.075	VV	675	10381	0.47%	0.028%
61	4.080	4.075	4.105	VV	230	2503	0.11%	0.007%
62	4.133	4.105	4.140	VV	280	3065	0.14%	0.008%
63	4.153	4.140	4.171	VV	546	6447	0.29%	0.017%
64	4.185	4.171	4.205	VV	468	6649	0.30%	0.018%
65	4.209	4.205	4.235	VV	320	4311	0.19%	0.012%
66	4.263	4.235	4.291	VV	545	9768	0.44%	0.026%
67	4.303	4.291	4.321	VV	181	2486	0.11%	0.007%
68	4.341	4.321	4.375	VV	971	17163	0.77%	0.046%
69	4.386	4.375	4.452	VV	501	13186	0.59%	0.035%
70	4.456	4.452	4.476	VV	196	1462	0.07%	0.004%
71	4.510	4.476	4.544	PV	310	7024	0.32%	0.019%
72	4.556	4.544	4.582	VV	314	4589	0.21%	0.012%
73	4.615	4.582	4.681	VV	140412	1466251	66.12%	3.929%
74	4.692	4.681	4.712	VV	823	13097	0.59%	0.035%
75	4.727	4.712	4.761	VV	954	17042	0.77%	0.046%
76	4.784	4.761	4.817	VV	2322	34667	1.56%	0.093%
77	4.834	4.817	4.858	VV	700	13506	0.61%	0.036%
78	4.869	4.858	4.884	VV	500	6658	0.30%	0.018%
79	4.901	4.884	4.917	VV	840	10636	0.48%	0.028%
80	4.926	4.917	4.943	VV	520	5877	0.27%	0.016%
81	4.962	4.943	4.974	VV	326	5077	0.23%	0.014%
82	4.980	4.974	5.001	VV	332	4060	0.18%	0.011%
83	5.037	5.001	5.051	VV	439	8867	0.40%	0.024%
84	5.082	5.051	5.106	VV	453	10892	0.49%	0.029%
85	5.126	5.106	5.168	VV	828	14789	0.67%	0.040%
86	5.206	5.168	5.216	VV	329	5293	0.24%	0.014%
87	5.233	5.216	5.264	VV	167	2635	0.12%	0.007%
88	5.295	5.264	5.302	VV	288	3632	0.16%	0.010%
89	5.306	5.302	5.312	VV	279	1134	0.05%	0.003%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	5.326	5.312	5.356	VV	541	8631	0.39%	0.023%
91	5.374	5.356	5.391	VV	486	6008		
92	5.407	5.391	5.426	VV	597	8645		
93	5.437	5.426	5.484	VV	478	9340		
94	5.493	5.484	5.523	VV	136	1901		
95	5.536	5.523	5.551	PV	309	3004		
96	5.570	5.551	5.590	VV	447	7712	0.35%	0.021%
97	5.609	5.590	5.615	VV	530	6902	0.31%	0.018%
98	5.621	5.615	5.655	VV	568	10406	0.47%	0.028%
99	5.666	5.655	5.673	VV	227	1814	0.08%	0.005%
100	5.676	5.673	5.681	VV	165	732	0.03%	0.002%
101	5.686	5.681	5.691	VV	174	748	0.03%	0.002%
102	5.703	5.691	5.719	VV	250	2086	0.09%	0.006%
103	5.731	5.719	5.741	VV	113	977	0.04%	0.003%
104	5.762	5.741	5.824	PV	2979	49669	2.24%	0.133%
105	5.834	5.824	5.861	VV	251	3163	0.14%	0.008%
106	5.885	5.861	5.915	VV	488	9512	0.43%	0.025%
107	5.948	5.915	5.982	VV	983	20278	0.91%	0.054%
108	5.990	5.982	6.003	VV	349	3398	0.15%	0.009%
109	6.029	6.003	6.040	VV	400	5896	0.27%	0.016%
110	6.066	6.040	6.072	VV	901	11952	0.54%	0.032%
111	6.077	6.072	6.101	VV	843	10254	0.46%	0.027%
112	6.115	6.101	6.141	VV	814	11627	0.52%	0.031%
113	6.157	6.141	6.169	VV	514	5576	0.25%	0.015%
114	6.177	6.169	6.183	VV	319	2499	0.11%	0.007%
115	6.192	6.183	6.216	VV	356	4674	0.21%	0.013%
116	6.244	6.216	6.266	PV	759	9884	0.45%	0.026%
117	6.296	6.266	6.318	VV	890	13921	0.63%	0.037%
118	6.345	6.318	6.371	VV	1801	31500	1.42%	0.084%
119	6.374	6.371	6.382	VV	836	5362	0.24%	0.014%
120	6.391	6.382	6.417	VV	743	10069	0.45%	0.027%
121	6.440	6.417	6.464	VV	1229	15019	0.68%	0.040%
122	6.486	6.464	6.491	VV	842	7812	0.35%	0.021%
123	6.505	6.491	6.559	VV	1225	24270	1.09%	0.065%
124	6.565	6.559	6.575	VV	265	2388	0.11%	0.006%
125	6.592	6.575	6.605	VV	732	9136	0.41%	0.024%
126	6.623	6.605	6.651	VV	537	10315	0.47%	0.028%
127	6.671	6.651	6.687	VV	620	9972	0.45%	0.027%
128	6.692	6.687	6.697	VV	356	2272	0.10%	0.006%
129	6.716	6.697	6.733	VV	732	12155	0.55%	0.033%
130	6.737	6.733	6.765	VV	426	6130	0.28%	0.016%
131	6.797	6.765	6.869	VV	157127	1613015	72.74%	4.322%
132	6.886	6.869	6.900	VV	831	11899	0.54%	0.032%
133	6.910	6.900	6.918	VV	628	6228	0.28%	0.017%
134	6.927	6.918	6.934	VV	636	5241	0.24%	0.014%
135	6.951	6.934	6.975	VV	2846	37439	1.69%	0.100%
136	6.988	6.975	7.016	VV	1133	16062	0.72%	0.043%
137	7.025	7.016	7.045	VV	351	4204	0.19%	0.011%
138	7.064	7.045	7.073	VV	531	5875	0.26%	0.016%
139	7.084	7.073	7.102	VV	675	7851	0.35%	0.021%
140	7.128	7.102	7.156	VV	969	16159	0.73%	0.043%
141	7.164	7.156	7.178	VV	375	2990	0.13%	0.008%

Instrument :

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B50-SP3-111925MSD

0.39% 0.023%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rters			
142	7.196	7.178	7.201	VV	496	4053	0.18%	0.011%
143	7.207	7.201	7.242	VV	454	5814		
144	7.266	7.242	7.291	PV	624	11352		
145	7.312	7.291	7.323	VV	1172	16084		
146	7.335	7.323	7.357	VV	1591	20219		
147	7.374	7.357	7.401	VV	1687	22382		
148	7.422	7.401	7.431	VV	1620	17983	0.81%	0.048%
149	7.446	7.431	7.467	VV	2656	42182	1.90%	0.113%
150	7.477	7.467	7.499	VV	1896	23324	1.05%	0.062%
151	7.522	7.499	7.562	VV	4400	66913	3.02%	0.179%
152	7.581	7.562	7.606	VV	3771	51769	2.33%	0.139%
153	7.624	7.606	7.640	VV	1683	24503	1.10%	0.066%
154	7.652	7.640	7.681	VV	851	16695	0.75%	0.045%
155	7.713	7.681	7.722	VV	1523	25328	1.14%	0.068%
156	7.750	7.722	7.781	VV	12192	155062	6.99%	0.415%
157	7.798	7.781	7.813	VV	1073	16291	0.73%	0.044%
158	7.838	7.813	7.854	VV	1113	18883	0.85%	0.051%
159	7.882	7.854	7.898	VV	1137	22122	1.00%	0.059%
160	7.928	7.898	7.956	VV	2845	50975	2.30%	0.137%
161	7.977	7.956	7.999	VV	783	12456	0.56%	0.033%
162	8.011	7.999	8.016	PV	501	3315	0.15%	0.009%
163	8.042	8.016	8.065	VV	1810	28489	1.28%	0.076%
164	8.094	8.065	8.111	VV	1679	27755	1.25%	0.074%
165	8.124	8.111	8.160	VV	1047	17923	0.81%	0.048%
166	8.189	8.160	8.201	VV	2034	27594	1.24%	0.074%
167	8.214	8.201	8.225	VV	2158	26520	1.20%	0.071%
168	8.236	8.225	8.256	VV	1976	25344	1.14%	0.068%
169	8.282	8.256	8.302	VV	1814	30244	1.36%	0.081%
170	8.328	8.302	8.347	VV	3899	58024	2.62%	0.155%
171	8.381	8.347	8.411	VV	2769	73024	3.29%	0.196%
172	8.455	8.411	8.494	VV	8991	157005	7.08%	0.421%
173	8.510	8.494	8.531	VV	2298	38222	1.72%	0.102%
174	8.564	8.531	8.580	VV	6502	99069	4.47%	0.265%
175	8.594	8.580	8.609	VV	4712	64960	2.93%	0.174%
176	8.637	8.609	8.675	VV	172172	1876950	84.64%	5.029%
177	8.682	8.675	8.703	VV	3614	49250	2.22%	0.132%
178	8.742	8.703	8.749	VV	3709	78835	3.56%	0.211%
179	8.751	8.749	8.775	VV	3796	44345	2.00%	0.119%
180	8.799	8.775	8.836	VV	7993	135107	6.09%	0.362%
181	8.853	8.836	8.872	VV	2211	39187	1.77%	0.105%
182	8.890	8.872	8.904	VV	2431	35518	1.60%	0.095%
183	8.909	8.904	8.956	VV	1814	41519	1.87%	0.111%
184	8.972	8.956	8.981	VV	1035	12540	0.57%	0.034%
185	8.999	8.981	9.007	VV	2605	30066	1.36%	0.081%
186	9.031	9.007	9.043	VV	3018	54719	2.47%	0.147%
187	9.056	9.043	9.078	VV	2790	47561	2.14%	0.127%
188	9.099	9.078	9.119	VV	6810	96526	4.35%	0.259%
189	9.135	9.119	9.149	VV	3603	51868	2.34%	0.139%
190	9.179	9.149	9.207	VV	14815	225172	10.15%	0.603%
191	9.232	9.207	9.246	VV	3138	51354	2.32%	0.138%
192	9.261	9.246	9.281	VV	2741	45238	2.04%	0.121%
193	9.297	9.281	9.312	VV	3032	44223	1.99%	0.118%
194	9.329	9.312	9.352	VV	3303	56511	2.55%	0.151%

Instrument :

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B50-SP3-111925MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

195	9.367	9.352	9.375	VV	1915	23407	1.06%	0.063%
196	9.414	9.375	9.430	VV	3032	79643		
197	9.468	9.430	9.493	VV	32499	419396	18.34%	0.063%
198	9.506	9.493	9.529	VV	4591	70791	3.34%	0.063%
199	9.553	9.529	9.579	VV	3017	57619	2.22%	0.063%
200	9.622	9.579	9.642	VV	3936	71269	3.06%	0.063%
201	9.661	9.642	9.687	VV	2064	43677	1.97%	0.117%
202	9.702	9.687	9.721	VV	1719	30115	1.36%	0.081%
203	9.762	9.721	9.817	VV	3664	115051	5.19%	0.308%
204	9.847	9.817	9.901	VV	7157	184115	8.30%	0.493%
205	9.926	9.901	9.960	VV	6371	134368	6.06%	0.360%
206	9.977	9.960	9.996	VV	4667	67570	3.05%	0.181%
207	10.009	9.996	10.019	VV	3166	37597	1.70%	0.101%
208	10.030	10.019	10.072	VV	4416	74079	3.34%	0.198%
209	10.090	10.072	10.107	VV	1398	22648	1.02%	0.061%
210	10.130	10.107	10.156	VV	16911	236455	10.66%	0.634%
211	10.168	10.156	10.187	VV	4762	79552	3.59%	0.213%
212	10.207	10.187	10.227	VV	5112	97438	4.39%	0.261%
213	10.254	10.227	10.300	VV	187382	2138958	96.46%	5.731%
214	10.316	10.300	10.330	VV	3658	59322	2.68%	0.159%
215	10.338	10.330	10.349	VV	3069	33445	1.51%	0.090%
216	10.359	10.349	10.405	VV	3229	62969	2.84%	0.169%
217	10.431	10.405	10.448	VV	1932	36086	1.63%	0.097%
218	10.471	10.448	10.481	VV	1599	28750	1.30%	0.077%
219	10.489	10.481	10.514	VV	1626	22618	1.02%	0.061%
220	10.532	10.514	10.551	VV	1834	25565	1.15%	0.068%
221	10.570	10.551	10.577	VV	980	12365	0.56%	0.033%
222	10.601	10.577	10.618	VV	5109	76857	3.47%	0.206%
223	10.644	10.618	10.673	VV	19699	289824	13.07%	0.777%
224	10.697	10.673	10.718	VV	3889	78194	3.53%	0.210%
225	10.735	10.718	10.766	VV	5456	86351	3.89%	0.231%
226	10.792	10.766	10.820	VV	5499	82175	3.71%	0.220%
227	10.850	10.820	10.872	PV	1403	26102	1.18%	0.070%
228	10.892	10.872	10.901	VV	1416	20180	0.91%	0.054%
229	10.929	10.901	10.961	VV	3087	66957	3.02%	0.179%
230	10.998	10.961	11.042	VV	41706	566160	25.53%	1.517%
231	11.070	11.042	11.102	VV	30657	468807	21.14%	1.256%
232	11.109	11.102	11.153	VV	2600	53009	2.39%	0.142%
233	11.167	11.153	11.171	VV	988	8454	0.38%	0.023%
234	11.174	11.171	11.178	VV	981	3520	0.16%	0.009%
235	11.197	11.178	11.224	VV	1154	26362	1.19%	0.071%
236	11.265	11.224	11.301	VV	13435	231918	10.46%	0.621%
237	11.320	11.301	11.327	VV	3799	50393	2.27%	0.135%
238	11.345	11.327	11.363	VV	4855	83116	3.75%	0.223%
239	11.394	11.363	11.436	VV	6508	156470	7.06%	0.419%
240	11.456	11.436	11.474	VV	3892	50802	2.29%	0.136%
241	11.479	11.474	11.493	VV	1519	13674	0.62%	0.037%
242	11.510	11.493	11.544	VV	2915	44418	2.00%	0.119%
243	11.566	11.544	11.597	VV	1905	42106	1.90%	0.113%
244	11.604	11.597	11.615	VV	1053	10088	0.45%	0.027%
245	11.635	11.615	11.645	VV	1457	21438	0.97%	0.057%
246	11.663	11.645	11.675	VV	2361	34075	1.54%	0.091%

Instrument :

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ClientSampleId :

B50-SP3-111925MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Instrument : FID_G ClientSampleId : B50-SP3-111925MSD									
rteres									
247	11.707	11.675	11.771	VV	188140	2217516	100.00%	5.942%	
248	11.798	11.771	11.843	VV	18893	291413	13		
249	11.864	11.843	11.884	VV	1402	18103	0		
250	11.904	11.884	11.938	PV	1219	20051	0		
251	12.002	11.938	12.047	VV	2923	92691	4		
252	12.074	12.047	12.087	VV	4686	67557	3		
253	12.106	12.087	12.126	VV	8401	127304	5.74%	0.341%	
254	12.141	12.126	12.164	VV	4881	79388	3.58%	0.213%	
255	12.192	12.164	12.209	VV	4449	75565	3.41%	0.202%	
256	12.222	12.209	12.239	VV	3347	42937	1.94%	0.115%	
257	12.257	12.239	12.299	VV	3740	62066	2.80%	0.166%	
258	12.380	12.299	12.427	PV	27914	427218	19.27%	1.145%	
259	12.456	12.427	12.460	VV	1904	25773	1.16%	0.069%	
260	12.477	12.460	12.497	VV	2254	44404	2.00%	0.119%	
261	12.514	12.497	12.536	VV	2794	41733	1.88%	0.112%	
262	12.551	12.536	12.572	VV	1167	18212	0.82%	0.049%	
263	12.581	12.572	12.598	VV	1081	13044	0.59%	0.035%	
264	12.632	12.598	12.654	VV	18499	238117	10.74%	0.638%	
265	12.666	12.654	12.709	VV	5447	94539	4.26%	0.253%	
266	12.724	12.709	12.731	VV	1004	11918	0.54%	0.032%	
267	12.761	12.731	12.769	VV	2240	42973	1.94%	0.115%	
268	12.796	12.769	12.829	VV	3149	75460	3.40%	0.202%	
269	12.847	12.829	12.886	VV	7278	118787	5.36%	0.318%	
270	12.889	12.886	12.919	VV	1842	17547	0.79%	0.047%	
271	12.957	12.919	12.967	PV	4293	72451	3.27%	0.194%	
272	12.976	12.967	12.996	VV	4513	58126	2.62%	0.156%	
273	13.026	12.996	13.070	VV	167484	2033796	91.72%	5.450%	
274	13.096	13.070	13.159	VV	29113	447073	20.16%	1.198%	
275	13.191	13.159	13.221	VV	1375	26725	1.21%	0.072%	
276	13.258	13.221	13.268	PV	1050	18274	0.82%	0.049%	
277	13.287	13.268	13.303	VV	2149	34683	1.56%	0.093%	
278	13.333	13.303	13.344	VV	1696	36732	1.66%	0.098%	
279	13.352	13.344	13.374	VV	1321	16979	0.77%	0.045%	
280	13.396	13.374	13.416	VV	26408	330406	14.90%	0.885%	
281	13.421	13.416	13.444	VV	7613	90562	4.08%	0.243%	
282	13.452	13.444	13.473	VV	3108	39001	1.76%	0.105%	
283	13.488	13.473	13.508	VV	2318	35804	1.61%	0.096%	
284	13.525	13.508	13.552	VV	2824	45952	2.07%	0.123%	
285	13.579	13.552	13.596	VV	1777	21395	0.96%	0.057%	
286	13.642	13.596	13.663	VV	11700	149471	6.74%	0.401%	
287	13.685	13.663	13.705	VV	2450	42893	1.93%	0.115%	
288	13.723	13.705	13.756	VV	1309	27595	1.24%	0.074%	
289	13.811	13.756	13.839	PV	1745	25618	1.16%	0.069%	
290	13.871	13.839	13.901	VV	5605	111834	5.04%	0.300%	
291	13.914	13.901	13.920	VV	1381	14475	0.65%	0.039%	
292	13.922	13.920	13.939	VV	1320	9463	0.43%	0.025%	
293	13.996	13.939	14.043	VV	4830	134910	6.08%	0.361%	
294	14.062	14.043	14.078	VV	2938	44397	2.00%	0.119%	
295	14.099	14.078	14.126	VV	8597	130651	5.89%	0.350%	
296	14.142	14.126	14.169	VV	3999	67979	3.07%	0.182%	
297	14.183	14.169	14.201	VV	2108	26575	1.20%	0.071%	
298	14.233	14.201	14.263	VV	154305	1875694	84.59%	5.026%	
299	14.282	14.263	14.301	VV	4396	78715	3.55%	0.211%	

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

300	14.316	14.301	14.349	VV	3162	45942	2.07%	0.123%
301	14.378	14.349	14.411	VV	1308	25460		
302	14.420	14.411	14.427	PV	324	2432		
303	14.456	14.427	14.462	VV	3797	48384		
304	14.466	14.462	14.513	VV	3706	69136		
305	14.526	14.513	14.554	VV	1715	28048		
306	14.565	14.554	14.574	VV	959	8743	0.39%	0.023%
307	14.605	14.574	14.614	VV	1998	33590	1.51%	0.090%
308	14.632	14.614	14.676	VV	2746	72587	3.27%	0.194%
309	14.699	14.676	14.724	VV	2840	55500	2.50%	0.149%
310	14.751	14.724	14.774	VV	3511	65523	2.95%	0.176%
311	14.800	14.774	14.822	VV	8971	117412	5.29%	0.315%
312	14.839	14.822	14.849	VV	2256	30551	1.38%	0.082%
313	14.868	14.849	14.886	VV	2733	46149	2.08%	0.124%
314	14.892	14.886	14.896	VV	1918	10444	0.47%	0.028%
315	14.921	14.896	14.957	VV	4806	113879	5.14%	0.305%
316	14.981	14.957	15.016	VV	5681	125200	5.65%	0.335%
317	15.024	15.016	15.029	VV	2810	20607	0.93%	0.055%
318	15.062	15.029	15.111	VV	4166	136382	6.15%	0.365%
319	15.139	15.111	15.172	VV	65170	925322	41.73%	2.479%
320	15.186	15.172	15.216	VV	4203	76584	3.45%	0.205%
321	15.231	15.216	15.239	VV	2033	22180	1.00%	0.059%
322	15.253	15.239	15.273	VV	2273	40561	1.83%	0.109%
323	15.295	15.273	15.314	VV	14268	205373	9.26%	0.550%
324	15.344	15.314	15.379	VV	147236	2070465	93.37%	5.548%
325	15.397	15.379	15.426	VV	3881	83428	3.76%	0.224%
326	15.456	15.426	15.472	VV	3779	75553	3.41%	0.202%
327	15.488	15.472	15.511	VV	3849	62529	2.82%	0.168%
328	15.551	15.511	15.569	VV	3203	75810	3.42%	0.203%
329	15.574	15.569	15.583	VV	1690	12799	0.58%	0.034%
330	15.608	15.583	15.612	VV	3259	44755	2.02%	0.120%
331	15.618	15.612	15.628	VV	3285	27510	1.24%	0.074%
332	15.636	15.628	15.654	VV	2835	38238	1.72%	0.102%
333	15.658	15.654	15.674	VV	2500	26057	1.18%	0.070%
334	15.678	15.674	15.697	VV	2594	25746	1.16%	0.069%
335	15.728	15.697	15.765	VV	20996	375651	16.94%	1.007%
336	15.769	15.765	15.773	VV	3832	17358	0.78%	0.047%
337	15.776	15.773	15.812	VV	3865	62680	2.83%	0.168%
338	15.821	15.812	15.837	VV	1426	17664	0.80%	0.047%
339	15.868	15.837	15.908	VV	8606	205535	9.27%	0.551%
340	15.913	15.908	15.917	VV	3213	18261	0.82%	0.049%
341	15.922	15.917	15.931	VV	3291	24565	1.11%	0.066%
342	15.974	15.931	15.994	VV	6646	150404	6.78%	0.403%
343	16.012	15.994	16.036	VV	4466	75032	3.38%	0.201%
344	16.046	16.036	16.071	VV	3118	50747	2.29%	0.136%
345	16.087	16.071	16.103	VV	2604	45268	2.04%	0.121%
346	16.134	16.103	16.157	VV	4395	107310	4.84%	0.288%
347	16.184	16.157	16.234	VV	4230	139816	6.31%	0.375%
348	16.252	16.234	16.285	VV	3117	57772	2.61%	0.155%
349	16.300	16.285	16.317	VV	2078	29476	1.33%	0.079%
350	16.332	16.317	16.337	VV	1323	14072	0.63%	0.038%
351	16.373	16.337	16.457	VV	135311	1861263	83.93%	4.987%

Instrument :

FID_G

ClientSampleId :

B50-SP3-111925MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rteres									
352	16.472	16.457	16.496	PV	1522	17161	0.77%	0.046%	
353	16.499	16.496	16.507	VV	654	3632			
354	16.511	16.507	16.523	VV	728	4141			
355	16.579	16.523	16.607	VV	5026	142937			
356	16.620	16.607	16.639	VV	2349	27475			
357	16.677	16.639	16.699	VV	4123	101176			
358	16.704	16.699	16.716	VV	2357	20078	0.91%	0.054%	
359	16.745	16.716	16.796	VV	6115	155541	7.01%	0.417%	
360	16.816	16.796	16.835	VV	2227	36466	1.64%	0.098%	
361	16.863	16.835	16.885	VV	26000	383651	17.30%	1.028%	
362	16.893	16.885	16.928	VV	9560	137642	6.21%	0.369%	
363	16.945	16.928	16.957	VV	1614	22505	1.01%	0.060%	
364	16.962	16.957	16.973	VV	1151	8373	0.38%	0.022%	
365	16.997	16.973	17.057	VV	5791	158461	7.15%	0.425%	
366	17.083	17.057	17.089	VV	2246	33428	1.51%	0.090%	
367	17.093	17.089	17.110	VV	1733	14967	0.67%	0.040%	
368	17.129	17.110	17.136	VV	2052	20135	0.91%	0.054%	
369	17.189	17.136	17.225	VV	16248	302308	13.63%	0.810%	
370	17.249	17.225	17.293	VV	15305	231894	10.46%	0.621%	
371	17.329	17.293	17.389	VV	128033	1836700	82.83%	4.921%	
372	17.396	17.389	17.417	VV	1060	6114	0.28%	0.016%	
373	17.452	17.417	17.466	PV	959	12940	0.58%	0.035%	
Sum of corrected areas:						37320636			

Instrument :
FID_G
ClientSampleId :
B50-SP3-111925MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

FG120125.M Fri Dec 05 03:50:31 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3741-01MS		FG017077.D	FG120425	N-HEXACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MS		FG017077.D	FG120425	N-OCTACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MS		FG017077.D	FG120425	N-TETRACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MS		FG017077.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MSD		FG017078.D	FG120425	N-HEXACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MSD		FG017078.D	FG120425	N-OCTACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MSD		FG017078.D	FG120425	N-TETRACOSANE	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-01MSD		FG017078.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-02		FG017079.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-03		FG017080.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-04		FG017081.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-05		FG017082.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly
Q3741-06		FG017083.D	FG120425	TETRACOSANE-d50 (SURROGA	mohammad	12/8/2025 2:15:09 AM	Peak Integrated by Software incorrectly

Manual Integration Report

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120125

Review By	rahul	Review On	12/1/2025 1:30:15 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:37 AM
SubDirectory	FG120125	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG017029.D	01 Dec 2025 10:25	YP\AJ	Ok
2	I.BLK	FG017030.D	01 Dec 2025 10:58	YP\AJ	Ok
3	100 TRPH STD	FG017031.D	01 Dec 2025 12:11	YP\AJ	Ok
4	50 TRPH STD	FG017032.D	01 Dec 2025 12:41	YP\AJ	Ok
5	20 TRPH STD	FG017033.D	01 Dec 2025 13:10	YP\AJ	Ok
6	10 TRPH STD	FG017034.D	01 Dec 2025 13:39	YP\AJ	Ok
7	5 TRPH STD	FG017035.D	01 Dec 2025 14:29	YP\AJ	Ok
8	FG120125ICV	FG017036.D	01 Dec 2025 15:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120425

Review By	rahul	Review On	12/4/2025 3:44:21 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:15:09 AM
SubDirectory	FG120425	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG017070.D	04 Dec 2025 17:51	YP\AJ	Ok
2	I.BLK	FG017071.D	04 Dec 2025 18:20	YP\AJ	Ok
3	50 PPM TRPH STD	FG017072.D	04 Dec 2025 18:50	YP\AJ	Ok
4	RT MARKER	FG017073.D	04 Dec 2025 19:19	YP\AJ	Ok
5	PB170825BL	FG017074.D	04 Dec 2025 19:48	YP\AJ	Ok
6	PB170825BS	FG017075.D	04 Dec 2025 20:17	YP\AJ	Ok
7	Q3741-01	FG017076.D	04 Dec 2025 20:47	YP\AJ	Ok
8	Q3741-01MS	FG017077.D	04 Dec 2025 21:16	YP\AJ	Ok,M
9	Q3741-01MSD	FG017078.D	04 Dec 2025 21:45	YP\AJ	Ok,M
10	Q3741-02	FG017079.D	04 Dec 2025 22:15	YP\AJ	Ok,M
11	Q3741-03	FG017080.D	04 Dec 2025 22:44	YP\AJ	Dilution
12	Q3741-04	FG017081.D	04 Dec 2025 23:13	YP\AJ	Ok,M
13	Q3741-05	FG017082.D	04 Dec 2025 23:42	YP\AJ	Ok,M
14	Q3741-06	FG017083.D	05 Dec 2025 00:12	YP\AJ	Ok,M
15	I.BLK	FG017084.D	05 Dec 2025 00:41	YP\AJ	Ok
16	50 PPM TRPH STD	FG017085.D	05 Dec 2025 01:10	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120525

Review By	rahul	Review On	12/5/2025 3:20:24 PM
Supervise By		Supervise On	
SubDirectory	FG120525	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG017086.D	05 Dec 2025 09:48	YP\AJ	Ok
2	I.BLK	FG017087.D	05 Dec 2025 10:17	YP\AJ	Ok,NR
3	50 PPM TRPH STD	FG017088.D	05 Dec 2025 10:46	YP\AJ	Ok
4	RT MARKER	FG017089.D	05 Dec 2025 11:36	YP\AJ	Ok
5	Q3741-03	FG017090.D	05 Dec 2025 13:23	YP\AJ	Ok,NR
6	I.BLK	FG017091.D	05 Dec 2025 13:53	YP\AJ	Ok
7	50 PPM TRPH STD	FG017092.D	05 Dec 2025 14:22	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120125

Review By	rahul	Review On	12/1/2025 1:30:15 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:37 AM
SubDirectory	FG120125	HP Acquire Method	HP Processing Method FG120125

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	PP24964
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG017029.D	01 Dec 2025 10:25		YP\AJ	Ok
2	I.BLK		FG017030.D	01 Dec 2025 10:58		YP\AJ	Ok
3	100 TRPH STD		FG017031.D	01 Dec 2025 12:11		YP\AJ	Ok
4	50 TRPH STD		FG017032.D	01 Dec 2025 12:41		YP\AJ	Ok
5	20 TRPH STD		FG017033.D	01 Dec 2025 13:10		YP\AJ	Ok
6	10 TRPH STD		FG017034.D	01 Dec 2025 13:39		YP\AJ	Ok
7	5 TRPH STD		FG017035.D	01 Dec 2025 14:29		YP\AJ	Ok
8	FG120125ICV		FG017036.D	01 Dec 2025 15:56		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120425

Review By	rahul	Review On	12/4/2025 3:44:21 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:15:09 AM
SubDirectory	FG120425	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC	PP24964		
Internal Standard/PEM	PP24963,PP24968		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG017070.D	04 Dec 2025 17:51		YP\AJ	Ok
2	I.BLK		FG017071.D	04 Dec 2025 18:20		YP\AJ	Ok
3	50 PPM TRPH STD		FG017072.D	04 Dec 2025 18:50		YP\AJ	Ok
4	RT MARKER		FG017073.D	04 Dec 2025 19:19		YP\AJ	Ok
5	PB170825BL		FG017074.D	04 Dec 2025 19:48		YP\AJ	Ok
6	PB170825BS		FG017075.D	04 Dec 2025 20:17		YP\AJ	Ok
7	Q3741-01		FG017076.D	04 Dec 2025 20:47		YP\AJ	Ok
8	Q3741-01MS		FG017077.D	04 Dec 2025 21:16		YP\AJ	Ok,M
9	Q3741-01MSD		FG017078.D	04 Dec 2025 21:45		YP\AJ	Ok,M
10	Q3741-02		FG017079.D	04 Dec 2025 22:15		YP\AJ	Ok,M
11	Q3741-03		FG017080.D	04 Dec 2025 22:44	Need 10X	YP\AJ	Dilution
12	Q3741-04		FG017081.D	04 Dec 2025 23:13		YP\AJ	Ok,M
13	Q3741-05		FG017082.D	04 Dec 2025 23:42		YP\AJ	Ok,M
14	Q3741-06		FG017083.D	05 Dec 2025 00:12		YP\AJ	Ok,M
15	I.BLK		FG017084.D	05 Dec 2025 00:41		YP\AJ	Ok
16	50 PPM TRPH STD		FG017085.D	05 Dec 2025 01:10		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120525

Review By	rahul	Review On	12/5/2025 3:20:24 PM
Supervise By		Supervise On	
SubDirectory	FG120525	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC	PP24964		
Internal Standard/PEM			
ICV/I.BLK	PP24963,PP24968		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG017086.D	05 Dec 2025 09:48		YP\AJ	Ok
2	I.BLK		FG017087.D	05 Dec 2025 10:17		YP\AJ	Ok,NR
3	50 PPM TRPH STD		FG017088.D	05 Dec 2025 10:46		YP\AJ	Ok
4	RT MARKER		FG017089.D	05 Dec 2025 11:36		YP\AJ	Ok
5	Q3741-03		FG017090.D	05 Dec 2025 13:23		YP\AJ	Ok,NR
6	I.BLK		FG017091.D	05 Dec 2025 13:53		YP\AJ	Ok
7	50 PPM TRPH STD		FG017092.D	05 Dec 2025 14:22		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138066

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
Q3741-01	B50-SP3-111925	1	1.15	10.38	11.53	10.66	91.6	
Q3741-02	B50-SP13-112025	2	1.18	10.33	11.51	10.1	86.4	
Q3741-03	B50-SP14-112025	3	1.19	10.25	11.44	10.14	87.3	
Q3741-04	B50-SP9-112425	4	1.16	10.61	11.77	10.2	85.2	
Q3741-05	B50-SP11-112525	5	1.16	10.47	11.63	10.02	84.6	
Q3741-06	B50-SP4-112525	6	1.18	10.50	11.68	10.2	85.9	
Q3742-01	SB-1125-23	7	1.11	10.61	11.72	8.55	70.1	
Q3742-02	SB-1125-19	8	1.19	11.07	12.26	5.72	40.9	
Q3742-03	SB-1125-8	9	1.17	10.55	11.72	10.16	85.2	
Q3742-04	SB-1125-9	10	1.19	10.57	11.76	9.5	78.6	
Q3742-05	SB-1125-21	11	1.16	10.61	11.77	9.6	79.5	
Q3742-06	SB-1125-13	12	1.18	10.18	11.36	9.88	85.5	
Q3742-07	SB-1125-18	13	1.11	10.19	11.3	8.07	68.3	
Q3742-08	SB-1125-20	14	1.15	10.84	11.99	9.86	80.4	
Q3742-09	SB-1125-22	15	1.12	10.90	12.02	9.05	72.8	
Q3742-10	SB-1125-2	16	1.16	10.76	11.92	9.38	76.4	
Q3742-11	SB-1125-3A	17	1.19	10.58	11.77	8.93	73.2	
Q3742-12	SB-1125-3B	18	1.17	10.50	11.67	10.55	89.3	
Q3742-13	SB-1125-3C	19	1.16	10.50	11.66	9.31	77.6	
Q3742-14	SB-1125-3D	20	1.13	10.45	11.58	8.5	70.5	
Q3742-14D	SB-1125-3DDUP	21	1.15	10.45	11.6	8.53	70.6	
Q3742-15	SB-1125-3E	22	1.13	10.39	11.52	8.05	66.6	
Q3742-16	SB-1125-1	23	1.19	10.33	11.52	8.78	73.5	
Q3742-17	SB-1125-25	24	1.18	11.18	12.36	8.26	63.3	
Q3742-18	SB-1125-24	25	1.15	10.90	12.05	7.99	62.8	
Q3745-05	SVOC-GPC-BLANK	31	1.00	1.00	2.00	2.00	100.0	
Q3745-06	PEST-GPC-BLANK	32	1.00	1.00	2.00	2.00	100.0	
Q3745-07	PEST-GPC-BLANK-SPIKE	33	1.00	1.00	2.00	2.00	100.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138066

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
Q3745-08	SVOC-GPC2-BLANK	34	1.00	1.00	2.00	2.00	100.0	
Q3745-09	PEST-GPC2-BLANK	35	1.00	1.00	2.00	2.00	100.0	
Q3745-10	PEST -GPC2-BLANK-SPIKE	36	1.00	1.00	2.00	2.00	100.0	
Q3746-01	ROW	26	1.15	10.84	11.99	8.59	68.6	
Q3746-02	ROW-E2	27	1.14	10.58	11.72	5.2	38.4	
Q3747-01	1	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-02	2	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-03	3	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3748-01	AU-05-12-1-2025	37	1.18	10.75	11.93	11.03	91.6	
Q3748-02	AU-05-12-1-2025	38	1.18	10.55	11.73	10.88	91.9	
Q3750-01	FENCE WC-1	39	1.15	10.77	11.92	10.5	86.8	
Q3750-02	FENCE WC-1-EPH	40	1.19	10.31	11.5	10.15	86.9	
Q3750-03	FENCE WC-1-VOC	41	1.16	10.58	11.74	9.72	80.9	
Q3750-04	FENCE WC-2	42	1.11	10.51	11.62	10.2	86.5	
Q3750-05	FENCE WC-2-EPH	43	1.13	10.21	11.34	9.97	86.6	
Q3750-06	FENCE WC-2-VOC	44	1.19	10.38	11.57	10.52	89.9	

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

WORKLIST(Hardcopy Internal Chain)

12/20/25

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3741-01	B50-SP3-111925	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/19/2025	Chemtech -SO
Q3741-02	B50-SP13-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-03	B50-SP14-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-04	B50-SP9-112425	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/24/2025	Chemtech -SO
Q3741-05	B50-SP11-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3741-06	B50-SP4-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3742-01	SB-1125-23	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/6025	Chemtech -SO
Q3742-02	SB-1125-19	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-03	SB-1125-8	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-04	SB-1125-9	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-05	SB-1125-21	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-06	SB-1125-13	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-07	SB-1125-18	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-08	SB-1125-20	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-09	SB-1125-22	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-10	SB-1125-2	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-11	SB-1125-3A	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-12	SB-1125-3B	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-13	SB-1125-3C	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-14	SB-1125-3D	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-15	SB-1125-3E	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO

Date/Time 12/01/25 15:13
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 12/01/25 17:40
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

g 172066

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3742-16	SB-1125-1	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-17	SB-1125-25	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-18	SB-1125-24	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3745-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3746-01	ROW	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3746-02	ROW-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3747-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3748-01	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3748-02	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	12/01/2025	Chemtech -SO
Q3750-01	FENCE WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-02	FENCE WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-03	FENCE WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-04	FENCE WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-05	FENCE WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 15:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/01/25 17:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

138066

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3750-06	FENCE WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 13:15
 Raw Sample Received by: SB WPC
 Raw Sample Relinquished by: CR 8

Date/Time 12/01/25 17:40
 Raw Sample Received by: CR 8
 Raw Sample Relinquished by: SB WPC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A **Extraction Start Date :** 12/03/2025

Matrix : Solid **Extraction Start Time :** 10:12

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 12/03/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 13:15

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

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

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

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP25013
Surrogate	1.0ML	20 PPM	PP25071
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Methylene Chloride	N/A	E3986
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443.

KD Bath ID: N/A **Envap ID:** NEVAP-02

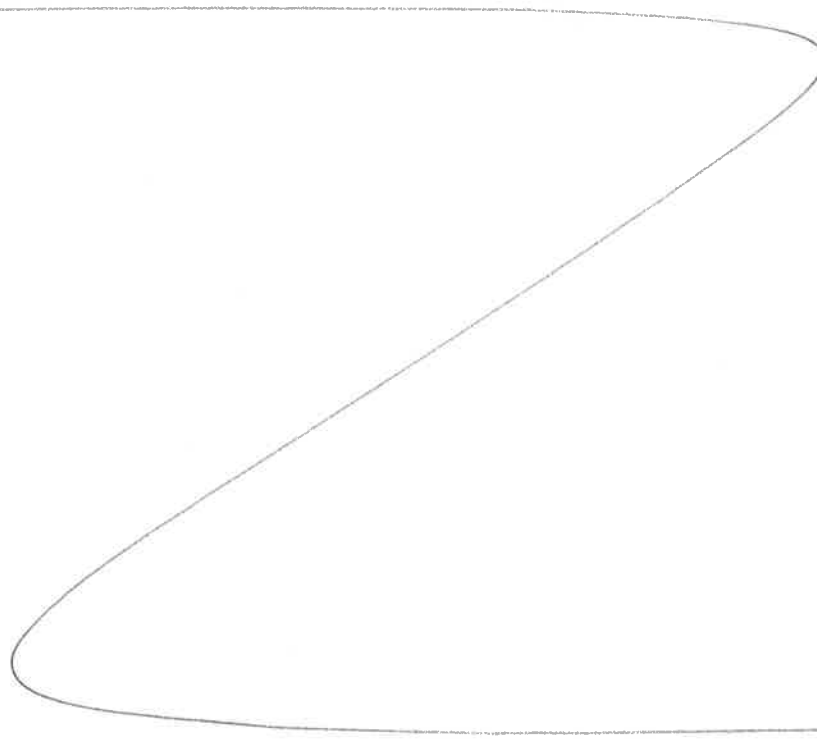
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/3/25	RS (Ext) (ab)	R. Pesh-PeBC (ab)
13:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/03/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170825BL	PB170825BL	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1			U1-1
PB170825BS	PB170825BS	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1			2
Q3741-01	B50-SP3-111925	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	J		3
Q3741-01MS	B50-SP3-111925MS	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1	J		4
Q3741-01MS D	B50-SP3-111925MSD	Diesel Range Organics	30.08	N/A	ritesh	Evelyn	1	J		5
Q3741-02	B50-SP13-112025	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	J		6
Q3741-03	B50-SP14-112025	Diesel Range Organics	30.07	N/A	ritesh	Evelyn	1	J		U2-1
Q3741-04	B50-SP9-112425	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1	J		2
Q3741-05	B50-SP11-112525	Diesel Range Organics	30.05	N/A	ritesh	Evelyn	1	J		3
Q3741-06	B50-SP4-112525	Diesel Range Organics	30.09	N/A	ritesh	Evelyn	1	J		4


Rj
12/3

170825
10:12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3741 WorkList ID : 193475 Department : Extraction Date : 12-03-2025 10:07:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3741-01	B50-SP3-111925	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/19/2025	8015D
Q3741-02	B50-SP13-112025	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/20/2025	8015D
Q3741-03	B50-SP14-112025	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/20/2025	8015D
Q3741-04	B50-SP9-112425	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/24/2025	8015D
Q3741-05	B50-SP11-112525	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/25/2025	8015D
Q3741-06	B50-SP4-112525	Solid	Diesel Range Organics	Cool 4 deg C	CORE02	--Sele	11/25/2025	8015D

Date/Time 12/3/25 10:08
Raw Sample Received by: R.J. (X-106)
Raw Sample Relinquished by: CP S

Date/Time 12/3/25 10:25
Raw Sample Received by: CP S
Raw Sample Relinquished by: R.J. (X-106)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

23741

COC Number:

CLIENT INFORMATION

COMPANY: CORE ENVIRONMENTAL CONSULTANTS

ADDRESS: 22-48 119TH STREET

CITY: COLLEGE POINT STATE: NY ZIP: 11356

ATTENTION: ROLAND SCARDINO

PHONE: 609-781-8074

FAX:

PROJECT INFORMATION

PROJECT NAME: BNY - Building 50 Probe Investigation

PROJECT #:

LOCATION: Bldg 50. 63 Flushing Ave.
Brooklyn, NY

PROJECT MANAGER: ROLAND SCARDINO

E-MAIL: rscardino@coreenv.com

PHONE: 609-781-8074

FAX:

BILLING INFORMATION

BILL TO: CORE ENVIRONMENTAL CONSULTANTS PO#

ADDRESS: 2312 WEHRLE DR

CITY: BUFFALO

STATE: NY ZIP: 14221

ATTENTION: JOSEPH ZAHEER

PHONE: 716-204-8054

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS*
HARD COPY: STANDARD DAYS*
EDD STANDARD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

GRO	DRO	VOCs	SVOCs	TAL Metals	PCBs				
1	2	3	4	5	6	7	8	9	

If any metals exceed the 20x
rule, run the TCLP analysis
on 72-hr TAT

PRESERVATIVES

1	2	3	4	5	6	7	8	9
✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓			

COMMENTS

Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH
SAMPLE
IDPROJECT
SAMPLE IDENTIFICATIONSAMPLE
MATRIXSAMPLE
TYPESAMPLE
COLLECTION

of Bottles

COMP

GRAB

DATE

TIME

1.	B50-SP3-111925	SOIL	✓		11/19/25	13:00	
2.	B50-SP3-112025	SOIL	✓		11/20/25	13:00	
3.	B50-SP4-112025	SOIL	✓		11/20/25	13:15	
4.	B50-SP9-112425	SOIL	✓		11/24/25	13:30	
5.	B50-SP11-112525	SOIL	✓		11/25/25	13:30	
6.	B50-SP4-112525	SOIL	✓		11/25/25	14:00	
7.							
8.							
9.							
10.							

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

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. [Signature]
RELINQUISHED BY

11/26 12:10p

11-26-25

2.

DATE/TIME

RECEIVED BY

RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3. [Signature]

11-26-25

3.

Conditions of bottles or coolers at receipt:

☐ Compliant ☐ Non Compliant☐ Cooler Temp 3.1°C

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler?: _____

Comments:

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Shreena

From: Roland Scardino <rscardino@coreenv.com>
Sent: Monday, December 01, 2025 10:47 AM
Subject: RE: TB SAMPLES

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning Deepak,

We received 2 TB's in the cooler, so two were sent back to the lab. Please use one of them for the analysis.

Thank you,

Roland Scardino
Project Manager
CORE Environmental Consultants, Inc.
C: 609-781-8074
O: 718-786-4730 ext 114

22-48 119 th Street	2312 Wehrle Drive
College Point, NY 11356	Buffalo, NY 14221
P: 718.786.4730	P: 716.204.8054
F: 718.786.4764	F: 716.204.8557



www.COREenv.com

Innovative Engineering and Environmental Solutions

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 : Q3741	CORE02	Order Date : 11/26/2025 4:57:55 PM	Project Mgr :
Client Name : Core Environmental Consul		Project Name : Building 50 Probe Investiga	Report Type : Results+QC
Client Contact : Roland Scardino		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : Excel NY
Invoice Name : Core Environmental Consul		Purchase Order :	Hard Copy Date :
Invoice Contact : Roland Scardino			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3741-01	B50-SP3-111925	Solid	11/19/2025	13:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-02	B50-SP13-112025	Solid	11/20/2025	13:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-03	B50-SP14-112025	Solid	11/20/2025	13:15					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-04	B50-SP9-112425	Solid	11/24/2025	13:30					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-05	B50-SP11-112525	Solid	11/25/2025	13:30					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-06	B50-SP4-112525	Solid	11/25/2025	14:00					
					VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-07	TB-1	Water	11/25/2025	14:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

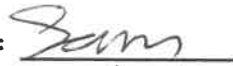
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3741	CORE02	Order Date : 11/26/2025 4:57:55 PM	Project Mgr :
Client Name : Core Environmental Consul		Project Name : Building 50 Probe Investiga	Report Type : Results+QC
Client Contact : Roland Scardino		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : Excel NY
Invoice Name : Core Environmental Consul		Purchase Order :	Hard Copy Date :
Invoice Contact : Roland Scardino			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By : 

Date / Time : 12/1/25 11:05

Received By : 

Date / Time : 12/01/25 11:05

Storage Area : VOA Refridgerator Room