

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: Q3124
Client: ATG-GREENVILLE ARR
Contact: Stan Golaski

OrderDate: 9/17/2025 10:22:45 AM
Project: ARR-2025-0043
Location: D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3124-01	WEST-SIDE	SOIL	Diesel Range Organics	8015D	09/16/25	09/18/25	09/18/25	09/17/25
Q3124-02	WEST-SIDE	Water	Diesel Range Organics	8015D	09/16/25	09/17/25	09/18/25	09/17/25
Q3124-03	NORTH-SIDE	SOIL	Diesel Range Organics	8015D	09/16/25	09/18/25	09/18/25	09/17/25
Q3124-04	NORTH-SIDE	Water	Diesel Range Organics	8015D	09/16/25	09/17/25	09/18/25	09/17/25



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: ATG-GREENVILLE ARR

Lab Code: ACE

SDG No.: Q3124

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016390.D	77				0
PIBLK-FF016397.D	78				0
PIBLK-FF016401.D	76				0
PIBLK-FG016613.D	78				0
PIBLK-FG016623.D	77				0
PB169733BL	72				0
PB169733BS	88				0
PB169733BSD	76				0
PB169737BL	69				0
PB169737BS	68				0
WEST-SIDE	40				0
WEST-SIDE	73				0
NORTH-SIDE	61				0
NORTH-SIDEMS	53				0
NORTH-SIDEMSD	54				0
NORTH-SIDE	76				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: ATG-GREENVILLE ARR

Lab Code: ACE

SDG No: Q3124

Client Sample ID : NORTH-SIDEMS

Datafile: FF016399.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7786	8720	12994	55%	*	68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>ATG-GREENVILLE ARR</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3124</u>
Client Sample ID :	<u>NORTH-SIDEMSD</u>	Datafile:	<u>FF016400.D</u>

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7791	8720	12984	55%	*	68-131

MS/MSD % Recovery RPD : 0.2

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

Lab Name: Alliance

Client: ATG-GREENVILLE ARR

Lab Code: ACE

SDG No: Q3124

Client Sample ID : PB169737BS

Datafile: FF016394.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	4705	71	68-131

WATER DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE

Lab Name: Alliance

Client: ATG-GREENVILLE ARR

Lab Code: ACE

SDG No: Q3124

Client Sample ID : PB169733BS

Datafile: FG016617.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
DRO	200	0	185	92	78-117

WATER DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE

Lab Name: Alliance

Client: ATG-GREENVILLE ARR

Lab Code: ACE

SDG No: Q3124

Client Sample ID : PB169733BSD

Datafile: FG016618.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
DRO	200	0	157	78	78-117

LCS/LCSD % Recovery RPD : 16.4

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169733BL

Lab Name: Alliance

Contract: ATGG02

Lab Code: ACE

SDG NO.: Q3124

Lab File ID: FG016616.D

Lab Sample ID: PB169733BL

Instrument ID: FG

Date Extracted: 09/18/2025

Matrix: (soil/water) Water

Date Analyzed: 09/18/25

Level: (low/med) low

Time Analyzed: 9:23

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169733BS	PB169733BS	FG016617.D	09/18/25
PB169733BSD	PB169733BSD	FG016618.D	09/18/25
WEST-SIDE	Q3124-02	FG016621.D	09/18/25
NORTH-SIDE	Q3124-04	FG016622.D	09/18/25

COMMENTS: _____

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169737BL

Lab Name: Alliance

Contract: ATGG02

Lab Code: ACE

SDG NO.: Q3124

Lab File ID: FF016393.D

Lab Sample ID: PB169737BL

Instrument ID: FF

Date Extracted: 09/18/2025

Matrix: (soil/water) Soil

Date Analyzed: 09/18/25

Level: (low/med) low

Time Analyzed: 11:53

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169737BS	PB169737BS	FF016394.D	09/18/25
WEST-SIDE	Q3124-01	FF016395.D	09/18/25
NORTH-SIDE	Q3124-03	FF016396.D	09/18/25
NORTH-SIDEMS	Q3124-03MS	FF016399.D	09/18/25
NORTH-SIDEMSD	Q3124-03MSD	FF016400.D	09/18/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	WEST-SIDE		SDG No.:	Q3124	
Lab Sample ID:	Q3124-01		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	90.1	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016395.D	1	09/18/25 08:30	09/18/25 13:22	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	3410		187	1850	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	8.07		37 - 130	40%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016395.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:22
Operator : YP\AJ
Sample : Q3124-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WEST-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 14:32:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.066	1045057	8.071 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

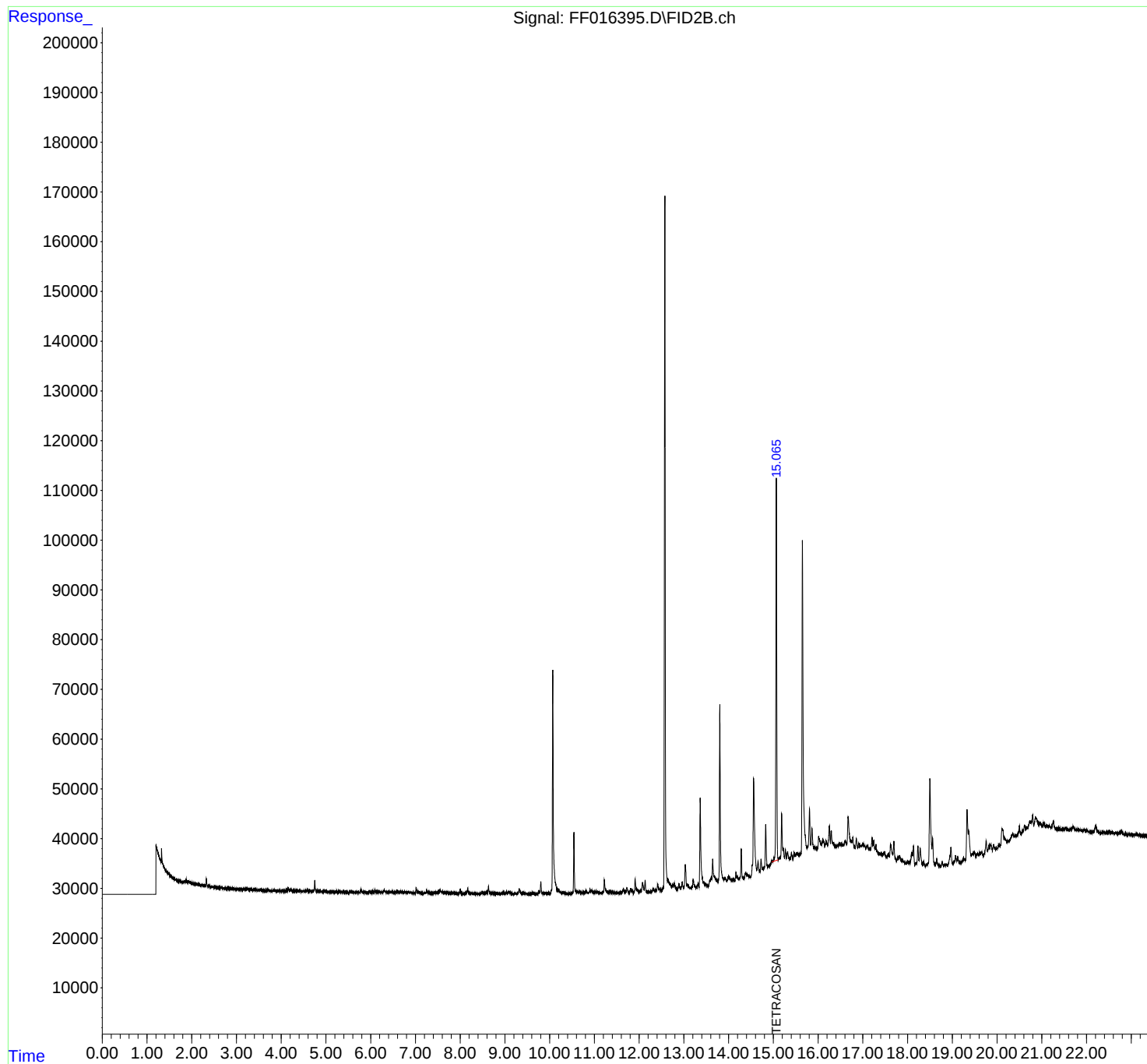
(m)=manual int.

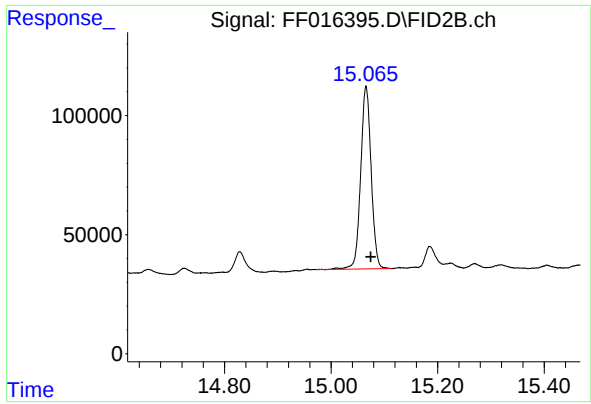
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016395.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:22
Operator : YP\AJ
Sample : Q3124-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
WEST-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 14:32:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.066 min
Delta R.T.: -0.009 min
Response: 1045057
Conc: 8.07 ug/ml

Instrument :
FID_F
ClientSampleId :
WEST-SIDE

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016395.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:22
Sample : Q3124-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.421	4.400	4.442	BV	84	682	0.04%	0.005%
2	4.445	4.442	4.452	PV	126	375	0.02%	0.003%
3	4.460	4.452	4.467	PV	73	485	0.03%	0.003%
4	4.472	4.467	4.476	VV	109	315	0.02%	0.002%
5	4.480	4.476	4.487	VV	104	380	0.02%	0.003%
6	4.498	4.487	4.507	VV	167	1335	0.07%	0.009%
7	4.547	4.507	4.566	VV	326	6449	0.35%	0.046%
8	4.588	4.566	4.618	VV	374	7090	0.38%	0.050%
9	4.625	4.618	4.657	VV	180	3013	0.16%	0.021%
10	4.660	4.657	4.675	VV	154	1518	0.08%	0.011%
11	4.678	4.675	4.681	VV	169	472	0.03%	0.003%
12	4.687	4.681	4.692	VV	176	875	0.05%	0.006%
13	4.750	4.692	4.802	VV	2332	35194	1.90%	0.249%
14	4.813	4.802	4.827	VV	238	2786	0.15%	0.020%
15	4.836	4.827	4.848	VV	161	1766	0.10%	0.012%
16	4.862	4.848	4.895	VV	236	3866	0.21%	0.027%
17	4.899	4.895	4.911	VV	166	1259	0.07%	0.009%
18	4.915	4.911	4.928	VV	183	1086	0.06%	0.008%
19	4.934	4.928	4.939	VV	139	728	0.04%	0.005%
20	4.952	4.939	4.977	VV	180	3280	0.18%	0.023%
21	4.981	4.977	4.992	VV	180	1228	0.07%	0.009%
22	5.001	4.992	5.024	VV	161	2672	0.14%	0.019%
23	5.028	5.024	5.046	VV	157	1472	0.08%	0.010%
24	5.049	5.046	5.064	VV	163	1147	0.06%	0.008%
25	5.068	5.064	5.079	VV	120	838	0.05%	0.006%
26	5.082	5.079	5.090	VV	107	565	0.03%	0.004%
27	5.092	5.090	5.120	VV	151	1716	0.09%	0.012%
28	5.129	5.120	5.157	VV	158	2540	0.14%	0.018%
29	5.164	5.157	5.185	VV	128	1202	0.06%	0.008%
30	5.192	5.185	5.208	VV	149	1123	0.06%	0.008%
31	5.229	5.208	5.236	VV	248	2318	0.13%	0.016%
32	5.240	5.236	5.257	VV	390	2882	0.16%	0.020%
33	5.259	5.257	5.263	VV	117	240	0.01%	0.002%
34	5.284	5.263	5.291	VV	189	2223	0.12%	0.016%
35	5.292	5.291	5.296	VV	263	625	0.03%	0.004%
36	5.302	5.296	5.312	VV	186	1586	0.09%	0.011%

					rteres			
37	5.317	5.312	5.325	VV	137	915	0.05%	0.006%
38	5.328	5.325	5.335	VV	130	693	0.04%	0.005%
39	5.339	5.335	5.362	VV	169	2123	0.11%	0.015%
40	5.388	5.362	5.402	VV	271	3531	0.19%	0.025%
41	5.405	5.402	5.410	VV	167	600	0.03%	0.004%
42	5.416	5.410	5.437	VV	123	1284	0.07%	0.009%
43	5.443	5.437	5.457	VV	102	819	0.04%	0.006%
44	5.467	5.457	5.474	VV	118	727	0.04%	0.005%
45	5.480	5.474	5.492	VV	117	678	0.04%	0.005%
46	5.497	5.492	5.509	PV	105	793	0.04%	0.006%
47	5.533	5.509	5.558	PV	472	6698	0.36%	0.047%
48	5.562	5.558	5.596	VV	276	3061	0.17%	0.022%
49	5.599	5.596	5.606	VV	199	764	0.04%	0.005%
50	5.614	5.606	5.626	VV	140	1257	0.07%	0.009%
51	5.630	5.626	5.635	VV	122	513	0.03%	0.004%
52	5.640	5.635	5.648	VV	174	834	0.04%	0.006%
53	5.659	5.648	5.665	VV	191	1349	0.07%	0.010%
54	5.668	5.665	5.682	VV	168	839	0.05%	0.006%
55	5.686	5.682	5.700	VV	119	876	0.05%	0.006%
56	5.704	5.700	5.718	VV	125	963	0.05%	0.007%
57	5.726	5.718	5.742	VV	161	1571	0.08%	0.011%
58	5.748	5.742	5.752	VV	96	475	0.03%	0.003%
59	5.781	5.752	5.824	VV	810	13646	0.74%	0.096%
60	5.838	5.824	5.863	VV	219	3518	0.19%	0.025%
61	5.868	5.863	5.879	VV	176	1132	0.06%	0.008%
62	5.886	5.879	5.899	VV	217	1478	0.08%	0.010%
63	5.922	5.899	5.927	VV	163	1994	0.11%	0.014%
64	5.936	5.927	5.948	VV	188	1422	0.08%	0.010%
65	5.968	5.948	6.005	VV	379	6858	0.37%	0.048%
66	6.020	6.005	6.025	VV	148	1373	0.07%	0.010%
67	6.046	6.025	6.072	VV	546	7143	0.39%	0.050%
68	6.095	6.072	6.122	PV	628	9584	0.52%	0.068%
69	6.133	6.122	6.149	VV	259	3139	0.17%	0.022%
70	6.171	6.149	6.177	VV	254	3401	0.18%	0.024%
71	6.183	6.177	6.192	VV	197	1469	0.08%	0.010%
72	6.197	6.192	6.208	VV	258	1854	0.10%	0.013%
73	6.215	6.208	6.229	VV	160	1749	0.09%	0.012%
74	6.244	6.229	6.253	VV	222	2381	0.13%	0.017%
75	6.259	6.253	6.275	VV	215	2297	0.12%	0.016%
76	6.300	6.275	6.348	VV	697	15921	0.86%	0.113%
77	6.355	6.348	6.367	VV	240	2292	0.12%	0.016%
78	6.381	6.367	6.396	VV	332	4459	0.24%	0.032%
79	6.400	6.396	6.405	VV	291	1317	0.07%	0.009%
80	6.414	6.405	6.428	VV	233	2759	0.15%	0.019%
81	6.446	6.428	6.464	VV	306	4738	0.26%	0.033%
82	6.481	6.464	6.505	VV	404	6019	0.32%	0.043%
83	6.512	6.505	6.521	VV	248	1640	0.09%	0.012%
84	6.544	6.521	6.557	VV	313	4514	0.24%	0.032%
85	6.561	6.557	6.569	VV	249	1450	0.08%	0.010%
86	6.574	6.569	6.583	VV	227	1470	0.08%	0.010%
87	6.601	6.583	6.623	VV	596	8776	0.47%	0.062%
88	6.628	6.623	6.633	VV	287	1526	0.08%	0.011%
89	6.645	6.633	6.659	VV	413	5108	0.28%	0.036%

					rteres			
90	6.665	6.659	6.686	VV	451	5981	0.32%	0.042%
91	6.693	6.686	6.697	VV	351	1901	0.10%	0.013%
92	6.702	6.697	6.708	VV	266	1678	0.09%	0.012%
93	6.713	6.708	6.723	VV	304	2068	0.11%	0.015%
94	6.726	6.723	6.741	VV	271	2386	0.13%	0.017%
95	6.760	6.741	6.777	VV	378	6127	0.33%	0.043%
96	6.788	6.777	6.808	VV	280	3646	0.20%	0.026%
97	6.844	6.808	6.877	VV	381	9308	0.50%	0.066%
98	6.882	6.877	6.888	VV	250	1032	0.06%	0.007%
99	6.892	6.888	6.924	VV	213	3602	0.19%	0.025%
100	6.927	6.924	6.944	VV	212	1824	0.10%	0.013%
101	6.949	6.944	6.969	VV	156	1610	0.09%	0.011%
102	6.975	6.969	6.996	VV	140	1193	0.06%	0.008%
103	7.015	6.996	7.067	VV	1253	20158	1.09%	0.142%
104	7.072	7.067	7.079	VV	244	1316	0.07%	0.009%
105	7.082	7.079	7.129	VV	239	3700	0.20%	0.026%
106	7.141	7.129	7.164	VV	144	2105	0.11%	0.015%
107	7.168	7.164	7.173	VV	119	340	0.02%	0.002%
108	7.176	7.173	7.183	VV	80	338	0.02%	0.002%
109	7.188	7.183	7.197	VV	75	559	0.03%	0.004%
110	7.208	7.197	7.212	VV	121	782	0.04%	0.006%
111	7.225	7.212	7.231	VV	139	1152	0.06%	0.008%
112	7.246	7.231	7.284	VV	633	11522	0.62%	0.081%
113	7.292	7.284	7.310	VV	310	3682	0.20%	0.026%
114	7.317	7.310	7.353	VV	284	5354	0.29%	0.038%
115	7.358	7.353	7.372	VV	211	1517	0.08%	0.011%
116	7.375	7.372	7.383	VV	170	1001	0.05%	0.007%
117	7.401	7.383	7.414	VV	239	3351	0.18%	0.024%
118	7.427	7.414	7.431	VV	277	2148	0.12%	0.015%
119	7.434	7.431	7.468	VV	259	4077	0.22%	0.029%
120	7.500	7.468	7.516	VV	462	8868	0.48%	0.063%
121	7.554	7.516	7.587	VV	715	19872	1.07%	0.140%
122	7.604	7.587	7.631	VV	525	9960	0.54%	0.070%
123	7.645	7.631	7.657	VV	355	4395	0.24%	0.031%
124	7.662	7.657	7.689	VV	374	5363	0.29%	0.038%
125	7.714	7.689	7.753	VV	288	7659	0.41%	0.054%
126	7.760	7.753	7.764	VV	178	950	0.05%	0.007%
127	7.770	7.764	7.792	VV	226	2789	0.15%	0.020%
128	7.814	7.792	7.826	VV	206	3117	0.17%	0.022%
129	7.831	7.826	7.839	VV	272	1768	0.10%	0.012%
130	7.847	7.839	7.854	VV	207	1624	0.09%	0.011%
131	7.863	7.854	7.896	VV	236	3784	0.20%	0.027%
132	7.900	7.896	7.904	VV	127	464	0.03%	0.003%
133	7.913	7.904	7.926	VV	156	1271	0.07%	0.009%
134	7.929	7.926	7.956	VV	143	1799	0.10%	0.013%
135	8.001	7.956	8.052	PV	992	16607	0.90%	0.117%
136	8.056	8.052	8.063	VV	187	800	0.04%	0.006%
137	8.076	8.063	8.083	VV	160	1228	0.07%	0.009%
138	8.088	8.083	8.096	VV	137	736	0.04%	0.005%
139	8.099	8.096	8.111	VV	119	837	0.05%	0.006%
140	8.170	8.111	8.209	VV	1271	24195	1.30%	0.171%
141	8.212	8.209	8.230	VV	203	2035	0.11%	0.014%

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142	8.235	8.230	8.251	VV	204	1631	0.09%	0.012%
143	8.254	8.251	8.274	VV	177	1373	0.07%	0.010%
144	8.279	8.274	8.285	VV	97	451	0.02%	0.003%
145	8.292	8.285	8.305	PV	133	1035	0.06%	0.007%
146	8.318	8.305	8.329	VV	153	1731	0.09%	0.012%
147	8.333	8.329	8.343	VV	87	615	0.03%	0.004%
148	8.377	8.343	8.385	VV	150	2274	0.12%	0.016%
149	8.390	8.385	8.399	VV	144	782	0.04%	0.006%
150	8.404	8.399	8.414	VV	145	816	0.04%	0.006%
151	8.418	8.414	8.438	VV	183	1491	0.08%	0.011%
152	8.444	8.438	8.451	VV	111	696	0.04%	0.005%
153	8.463	8.451	8.468	VV	151	1103	0.06%	0.008%
154	8.490	8.468	8.495	VV	323	3572	0.19%	0.025%
155	8.501	8.495	8.541	VV	303	5169	0.28%	0.037%
156	8.567	8.541	8.576	VV	292	4492	0.24%	0.032%
157	8.597	8.576	8.611	VV	497	7507	0.40%	0.053%
158	8.632	8.611	8.671	VV	1644	22705	1.22%	0.160%
159	8.673	8.671	8.687	VV	249	1411	0.08%	0.010%
160	8.709	8.687	8.713	VV	289	2984	0.16%	0.021%
161	8.717	8.713	8.728	VV	247	1692	0.09%	0.012%
162	8.735	8.728	8.755	VV	204	2406	0.13%	0.017%
163	8.762	8.755	8.782	VV	105	1591	0.09%	0.011%
164	8.786	8.782	8.810	VV	121	1774	0.10%	0.013%
165	8.833	8.810	8.878	VV	247	4720	0.25%	0.033%
166	8.886	8.878	8.909	VV	135	1876	0.10%	0.013%
167	8.926	8.909	8.944	VV	209	3110	0.17%	0.022%
168	8.959	8.944	8.980	VV	399	6153	0.33%	0.043%
169	8.985	8.980	9.005	VV	251	2809	0.15%	0.020%
170	9.031	9.005	9.052	VV	539	7731	0.42%	0.055%
171	9.076	9.052	9.149	VV	557	18283	0.99%	0.129%
172	9.155	9.149	9.174	VV	192	1637	0.09%	0.012%
173	9.177	9.174	9.192	VV	126	756	0.04%	0.005%
174	9.196	9.192	9.203	VV	86	474	0.03%	0.003%
175	9.209	9.203	9.212	VV	118	391	0.02%	0.003%
176	9.235	9.212	9.275	VV	164	3526	0.19%	0.025%
177	9.284	9.275	9.289	VV	191	1269	0.07%	0.009%
178	9.319	9.289	9.383	VV	1113	24816	1.34%	0.175%
179	9.392	9.383	9.403	VV	156	1082	0.06%	0.008%
180	9.425	9.403	9.449	VV	313	4887	0.26%	0.035%
181	9.465	9.449	9.492	VV	236	4304	0.23%	0.030%
182	9.497	9.492	9.501	VV	113	462	0.02%	0.003%
183	9.516	9.501	9.523	VV	125	1050	0.06%	0.007%
184	9.528	9.523	9.540	VV	61	468	0.03%	0.003%
185	9.550	9.540	9.560	VV	128	632	0.03%	0.004%
186	9.569	9.560	9.580	VV	89	648	0.03%	0.005%
187	9.613	9.580	9.641	VV	258	4999	0.27%	0.035%
188	9.646	9.641	9.670	VV	183	1642	0.09%	0.012%
189	9.678	9.670	9.682	PV	78	203	0.01%	0.001%
190	9.689	9.682	9.694	VV	88	422	0.02%	0.003%
191	9.718	9.694	9.739	VV	206	2689	0.15%	0.019%
192	9.754	9.739	9.779	VV	627	9781	0.53%	0.069%
193	9.803	9.779	9.835	VV	2480	31264	1.69%	0.221%
194	9.840	9.835	9.853	VV	216	2204	0.12%	0.016%

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195	9.887	9.853	9.910	VV	253	6229	0.34%	0.044%
196	9.923	9.910	9.944	VV	204	2780	0.15%	0.020%
197	9.954	9.944	9.959	VV	147	811	0.04%	0.006%
198	9.967	9.959	9.972	VV	123	611	0.03%	0.004%
199	9.981	9.972	10.005	VV	221	2541	0.14%	0.018%
200	10.070	10.005	10.192	VV	45040	686499	37.02%	4.852%
201	10.204	10.192	10.252	VV	975	20034	1.08%	0.142%
202	10.266	10.252	10.284	VV	288	4589	0.25%	0.032%
203	10.307	10.284	10.326	VV	497	8222	0.44%	0.058%
204	10.330	10.326	10.349	VV	185	1983	0.11%	0.014%
205	10.351	10.349	10.360	VV	115	751	0.04%	0.005%
206	10.368	10.360	10.399	VV	142	1810	0.10%	0.013%
207	10.434	10.399	10.469	VV	149	3354	0.18%	0.024%
208	10.475	10.469	10.494	VV	105	1147	0.06%	0.008%
209	10.543	10.494	10.614	VV	12409	158346	8.54%	1.119%
210	10.630	10.614	10.640	VV	379	5043	0.27%	0.036%
211	10.654	10.640	10.663	VV	477	5314	0.29%	0.038%
212	10.667	10.663	10.709	VV	481	7926	0.43%	0.056%
213	10.725	10.709	10.748	VV	326	5512	0.30%	0.039%
214	10.759	10.748	10.788	VV	348	5774	0.31%	0.041%
215	10.810	10.788	10.863	VV	598	15897	0.86%	0.112%
216	10.876	10.863	10.880	VV	283	2128	0.11%	0.015%
217	10.898	10.880	10.915	VV	794	11031	0.59%	0.078%
218	10.945	10.915	10.963	VV	657	14465	0.78%	0.102%
219	10.969	10.963	10.989	VV	300	3585	0.19%	0.025%
220	11.015	10.989	11.029	VV	392	7207	0.39%	0.051%
221	11.042	11.029	11.067	VV	572	8911	0.48%	0.063%
222	11.084	11.067	11.105	VV	304	5019	0.27%	0.035%
223	11.110	11.105	11.117	VV	193	991	0.05%	0.007%
224	11.129	11.117	11.159	VV	222	3419	0.18%	0.024%
225	11.221	11.159	11.304	VV	2782	60594	3.27%	0.428%
226	11.319	11.304	11.330	VV	281	3400	0.18%	0.024%
227	11.345	11.330	11.360	VV	334	4544	0.25%	0.032%
228	11.382	11.360	11.389	VV	287	4003	0.22%	0.028%
229	11.398	11.389	11.437	VV	316	5846	0.32%	0.041%
230	11.461	11.437	11.473	VV	214	2685	0.14%	0.019%
231	11.500	11.473	11.531	VV	168	3240	0.17%	0.023%
232	11.534	11.531	11.550	VV	80	553	0.03%	0.004%
233	11.585	11.550	11.606	PV	313	5790	0.31%	0.041%
234	11.648	11.606	11.674	VV	845	17707	0.95%	0.125%
235	11.679	11.674	11.693	VV	361	3253	0.18%	0.023%
236	11.698	11.693	11.706	VV	287	1904	0.10%	0.013%
237	11.727	11.706	11.789	VV	1066	21886	1.18%	0.155%
238	11.810	11.789	11.830	VV	1050	14654	0.79%	0.104%
239	11.841	11.830	11.870	VV	541	7476	0.40%	0.053%
240	11.910	11.870	11.994	PV	2842	60624	3.27%	0.428%
241	12.000	11.994	12.015	VV	297	3066	0.17%	0.022%
242	12.037	12.015	12.051	VV	488	7389	0.40%	0.052%
243	12.075	12.051	12.117	VV	2089	46107	2.49%	0.326%
244	12.135	12.117	12.170	VV	2474	32068	1.73%	0.227%
245	12.173	12.170	12.184	VV	150	820	0.04%	0.006%
246	12.197	12.184	12.217	VV	133	1388	0.07%	0.010%

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247	12.256	12.217	12.265	PV	189	1648	0.09%	0.012%
248	12.271	12.265	12.281	VV	107	631	0.03%	0.004%
249	12.310	12.281	12.317	VV	462	5521	0.30%	0.039%
250	12.321	12.317	12.352	VV	501	6768	0.36%	0.048%
251	12.374	12.352	12.390	VV	363	5668	0.31%	0.040%
252	12.415	12.390	12.471	VV	1499	31657	1.71%	0.224%
253	12.476	12.471	12.480	VV	266	1275	0.07%	0.009%
254	12.485	12.480	12.505	VV	312	3418	0.18%	0.024%
255	12.535	12.505	12.543	VV	582	8739	0.47%	0.062%
256	12.576	12.543	12.634	VV	139141	1854592	100.00%	13.107%
257	12.648	12.634	12.666	VV	2308	37055	2.00%	0.262%
258	12.678	12.666	12.732	VV	1630	45918	2.48%	0.325%
259	12.748	12.732	12.769	VV	1066	19640	1.06%	0.139%
260	12.785	12.769	12.834	VV	1385	28351	1.53%	0.200%
261	12.846	12.834	12.856	VV	200	2053	0.11%	0.015%
262	12.892	12.856	12.927	VV	1215	20383	1.10%	0.144%
263	12.963	12.927	13.003	VV	1488	27740	1.50%	0.196%
264	13.032	13.003	13.065	VV	4922	89965	4.85%	0.636%
265	13.078	13.065	13.158	VV	819	19492	1.05%	0.138%
266	13.169	13.158	13.176	PV	201	967	0.05%	0.007%
267	13.206	13.176	13.252	VV	1538	30965	1.67%	0.219%
268	13.268	13.252	13.278	VV	236	2965	0.16%	0.021%
269	13.284	13.278	13.288	VV	261	1193	0.06%	0.008%
270	13.294	13.288	13.302	VV	240	1586	0.09%	0.011%
271	13.319	13.302	13.339	VV	953	11728	0.63%	0.083%
272	13.366	13.339	13.432	VV	18026	313474	16.90%	2.215%
273	13.445	13.432	13.474	VV	1061	18049	0.97%	0.128%
274	13.491	13.474	13.511	VV	619	9521	0.51%	0.067%
275	13.525	13.511	13.541	VV	386	4075	0.22%	0.029%
276	13.577	13.541	13.585	PV	1169	13616	0.73%	0.096%
277	13.644	13.585	13.725	VV	5351	168280	9.07%	1.189%
278	13.737	13.725	13.757	VV	978	15340	0.83%	0.108%
279	13.803	13.757	13.900	VV	36192	532983	28.74%	3.767%
280	13.926	13.900	13.947	VV	1186	26253	1.42%	0.186%
281	13.952	13.947	13.969	VV	629	7033	0.38%	0.050%
282	13.989	13.969	14.019	VV	1207	30020	1.62%	0.212%
283	14.025	14.019	14.064	VV	988	17915	0.97%	0.127%
284	14.111	14.064	14.135	VV	683	16887	0.91%	0.119%
285	14.164	14.135	14.179	VV	1873	25627	1.38%	0.181%
286	14.191	14.179	14.239	VV	1007	24420	1.32%	0.173%
287	14.283	14.239	14.308	VV	6353	87768	4.73%	0.620%
288	14.316	14.308	14.341	VV	601	8692	0.47%	0.061%
289	14.379	14.341	14.422	VV	1495	44032	2.37%	0.311%
290	14.426	14.422	14.448	VV	952	10929	0.59%	0.077%
291	14.461	14.448	14.488	VV	709	13142	0.71%	0.093%
292	14.559	14.488	14.625	VV	20076	489739	26.41%	3.461%
293	14.657	14.625	14.699	VV	3284	87666	4.73%	0.620%
294	14.725	14.699	14.752	VV	3615	70525	3.80%	0.498%
295	14.765	14.752	14.772	VV	1691	18964	1.02%	0.134%
296	14.796	14.772	14.802	VV	1887	30215	1.63%	0.214%
297	14.829	14.802	14.877	VV	10387	198516	10.70%	1.403%
298	14.893	14.877	14.909	VV	2152	37023	2.00%	0.262%
299	14.934	14.909	14.940	VV	2315	38869	2.10%	0.275%

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300	14.955	14.940	14.971	VV	2850	47439	2.56%	0.335%
301	14.983	14.971	14.993	VV	2737	35517	1.92%	0.251%
302	15.012	14.993	15.022	VV	3290	52178	2.81%	0.369%
303	15.066	15.022	15.114	VV	79502	1192849	64.32%	8.430%
304	15.128	15.114	15.142	VV	3190	51758	2.79%	0.366%
305	15.185	15.142	15.212	VV	11943	252117	13.59%	1.782%
306	15.225	15.212	15.249	VV	4978	92704	5.00%	0.655%
307	15.269	15.249	15.291	VV	4684	93162	5.02%	0.658%
308	15.319	15.291	15.370	VV	4112	149621	8.07%	1.057%
309	15.405	15.370	15.436	VV	3834	116654	6.29%	0.824%
310	15.441	15.436	15.445	VV	2649	15059	0.81%	0.106%
311	15.465	15.445	15.487	VV	3744	81737	4.41%	0.578%
312	15.525	15.487	15.548	VV	3617	117866	6.36%	0.833%
313	15.556	15.548	15.572	VV	3305	44407	2.39%	0.314%
314	15.588	15.572	15.597	VV	3249	46628	2.51%	0.330%
315	15.607	15.597	15.613	VV	3425	30933	1.67%	0.219%
316	15.649	15.613	15.770	VV	66008	1423339	76.75%	10.059%
317	15.809	15.770	15.838	VV	11951	287468	15.50%	2.032%
318	15.864	15.838	15.900	VV	7962	214252	11.55%	1.514%
319	15.924	15.900	15.945	VV	4180	106775	5.76%	0.755%
320	15.950	15.945	15.955	VV	3668	20097	1.08%	0.142%
321	15.966	15.955	15.974	VV	3865	42626	2.30%	0.301%
322	15.978	15.974	15.989	VV	3780	33601	1.81%	0.237%
323	16.013	15.989	16.067	VV	6076	232104	12.52%	1.640%
324	16.078	16.067	16.083	VV	4547	42022	2.27%	0.297%
325	16.104	16.083	16.149	VV	5520	188265	10.15%	1.331%
326	16.182	16.149	16.209	VV	4855	159267	8.59%	1.126%
327	16.254	16.209	16.276	VV	7840	221170	11.93%	1.563%
328	16.296	16.276	16.332	VV	6756	174660	9.42%	1.234%
329	16.336	16.332	16.370	VV	4334	90403	4.87%	0.639%
330	16.383	16.370	16.419	VV	3747	100326	5.41%	0.709%
331	16.439	16.419	16.449	VV	3647	63438	3.42%	0.448%
332	16.487	16.449	16.517	VV	4097	149791	8.08%	1.059%
333	16.525	16.517	16.560	VV	3711	91783	4.95%	0.649%
334	16.603	16.560	16.645	VV	4169	192424	10.38%	1.360%
335	16.672	16.645	16.721	VV	8896	274302	14.79%	1.939%
336	16.729	16.721	16.732	VV	4106	26169	1.41%	0.185%
337	16.737	16.732	16.760	VV	4168	63882	3.44%	0.451%
338	16.778	16.760	16.814	VV	4710	116394	6.28%	0.823%
339	16.819	16.814	16.830	VV	2836	26145	1.41%	0.185%
340	16.856	16.830	16.890	VV	4311	116157	6.26%	0.821%
341	16.905	16.890	16.926	VV	3311	63309	3.41%	0.447%
342	16.933	16.926	16.945	VV	2797	29291	1.58%	0.207%
343	16.949	16.945	16.975	VV	2694	47237	2.55%	0.334%
344	16.982	16.975	17.002	VV	2766	43568	2.35%	0.308%
345	17.013	17.002	17.033	VV	3080	51450	2.77%	0.364%
346	17.041	17.033	17.061	VV	2626	39241	2.12%	0.277%
347	17.065	17.061	17.069	VV	2056	10115	0.55%	0.071%
348	17.085	17.069	17.088	VV	2257	24471	1.32%	0.173%
349	17.094	17.088	17.101	VV	2491	17625	0.95%	0.125%
350	17.106	17.101	17.141	VV	2418	48333	2.61%	0.342%
351	17.147	17.141	17.177	VV	1805	35358	1.91%	0.250%

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352	17.211	17.177	17.227	VV	3866	83092	4.48%	0.587%
353	17.243	17.227	17.282	VV	3260	74236	4.00%	0.525%
354	17.295	17.282	17.318	VV	2402	34241	1.85%	0.242%
355	17.324	17.318	17.347	VV	1014	12210	0.66%	0.086%
356	17.372	17.347	17.383	VV	616	10165	0.55%	0.072%
357	17.389	17.383	17.394	VV	398	1981	0.11%	0.014%
358	17.397	17.394	17.411	VV	413	2776	0.15%	0.020%
359	17.416	17.411	17.431	VV	321	2664	0.14%	0.019%
360	17.440	17.431	17.448	VV	257	1759	0.09%	0.012%
361	17.461	17.448	17.467	VV	338	2808	0.15%	0.020%
362	17.485	17.467	17.500	VBA	592	11639	0.63%	0.082%
					Sum of corrected areas:	14149774		

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Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	WEST-SIDE		SDG No.:	Q3124	
Lab Sample ID:	Q3124-02		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	840	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016621.D	1	09/17/25 12:20	09/18/25 12:52	PB169733

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	70.0		7.00	60.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	14.5		29 - 130	73%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016621.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 12:52
Operator : YP\AJ
Sample : Q3124-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WEST-SIDE

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/18/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File: autoint1.e
Quant Time: Sep 18 15:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.168	1587398	14.527 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016621.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 12:52
Operator : YP\AJ
Sample : Q3124-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

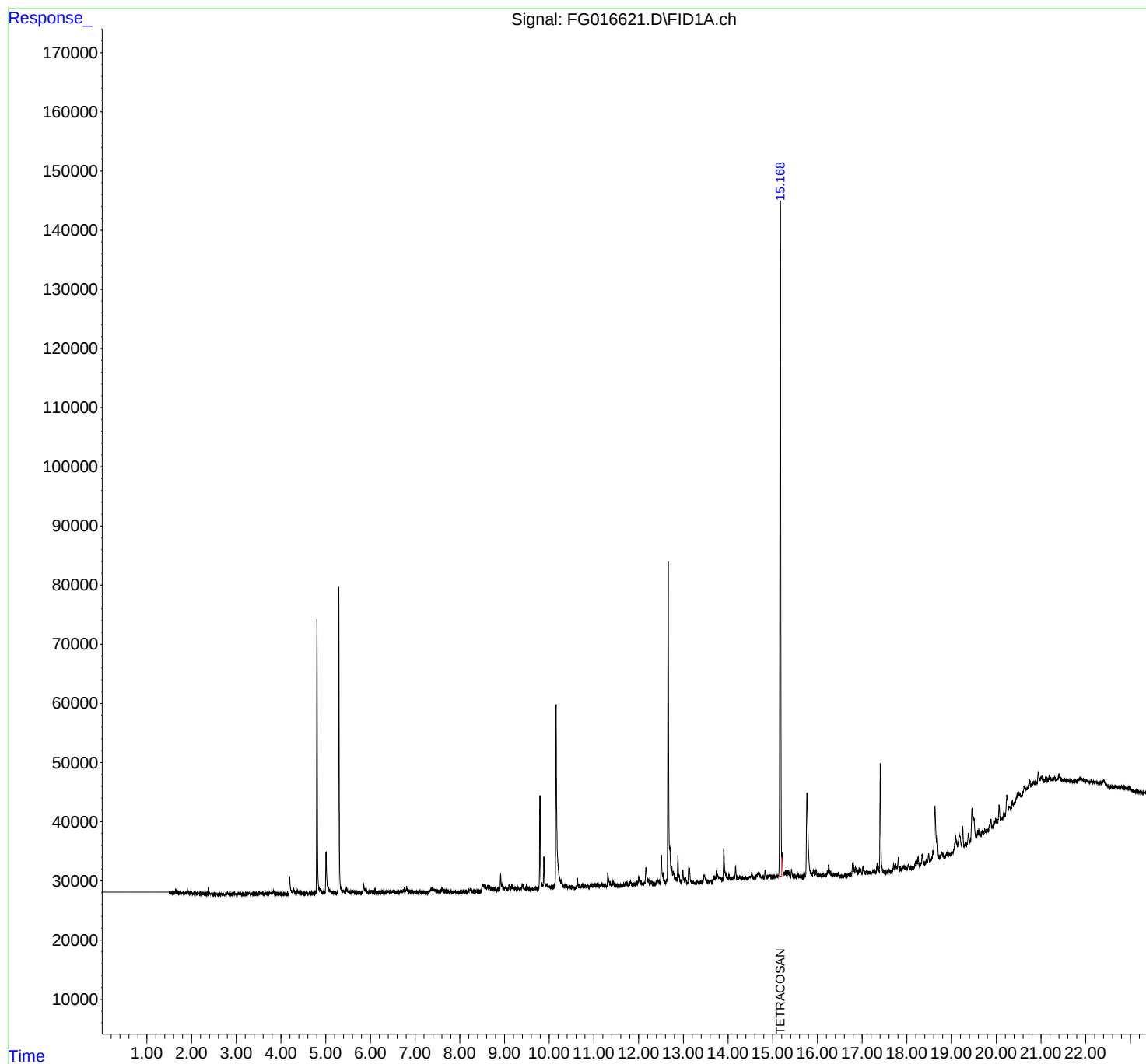
Instrument :
FID_G
ClientSampleId :
WEST-SIDE

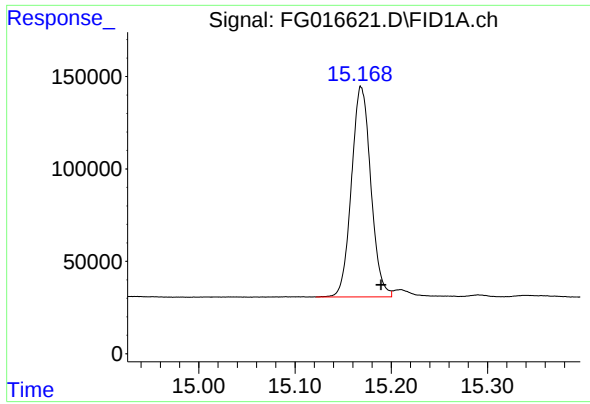
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/18/2025
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Integration File: autoint1.e
Quant Time: Sep 18 15:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.168 min
Delta R.T.: -0.022 min
Response: 1587398
Conc: 14.53 ug/ml

Instrument :
FID_G
ClientSampleId :
WEST-SIDE

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/18/2025
Supervised By :mohammad ahmed 09/19/2025

rteres.txt

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG09182
Data File : FG016621.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 12:52
Sample : Q3124-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.407	4.400	4.415	BV	69	388	0.02%	0.004%
2	4.419	4.415	4.440	VV	67	952	0.06%	0.011%
3	4.454	4.440	4.471	VV	172	1464	0.09%	0.016%
4	4.479	4.471	4.497	PV	90	767	0.05%	0.009%
5	4.534	4.497	4.559	PV	163	3052	0.19%	0.034%
6	4.564	4.559	4.573	VV	125	754	0.05%	0.008%
7	4.578	4.573	4.586	VV	173	1046	0.06%	0.012%
8	4.590	4.586	4.597	VV	185	893	0.06%	0.010%
9	4.603	4.597	4.607	VV	181	580	0.04%	0.007%
10	4.643	4.607	4.666	PV	359	5551	0.34%	0.062%
11	4.678	4.666	4.691	VV	240	2497	0.15%	0.028%
12	4.712	4.691	4.745	VV	300	5637	0.35%	0.063%
13	4.765	4.745	4.780	VV	273	3599	0.22%	0.040%
14	4.805	4.780	4.869	VV	46478	516092	31.89%	5.804%
15	4.883	4.869	4.935	VV	906	21761	1.34%	0.245%
16	4.967	4.935	4.986	VV	493	10593	0.65%	0.119%
17	5.009	4.986	5.095	VV	7044	135344	8.36%	1.522%
18	5.100	5.095	5.115	VV	526	5662	0.35%	0.064%
19	5.119	5.115	5.126	VV	471	2507	0.15%	0.028%
20	5.133	5.126	5.156	VV	389	5809	0.36%	0.065%
21	5.162	5.156	5.175	VV	340	2930	0.18%	0.033%
22	5.178	5.175	5.184	VV	228	1225	0.08%	0.014%
23	5.195	5.184	5.207	VV	349	3349	0.21%	0.038%
24	5.215	5.207	5.245	VV	254	4384	0.27%	0.049%
25	5.294	5.245	5.382	VV	51826	578797	35.77%	6.509%
26	5.383	5.382	5.398	VV	562	4787	0.30%	0.054%
27	5.403	5.398	5.409	VV	464	2666	0.16%	0.030%
28	5.410	5.409	5.416	VV	492	1745	0.11%	0.020%
29	5.418	5.416	5.429	VV	426	2540	0.16%	0.029%
30	5.463	5.429	5.503	VV	929	23709	1.47%	0.267%
31	5.514	5.503	5.529	VV	449	5571	0.34%	0.063%
32	5.539	5.529	5.546	VV	396	3448	0.21%	0.039%
33	5.549	5.546	5.555	VV	341	1819	0.11%	0.020%
34	5.557	5.555	5.572	VV	328	2587	0.16%	0.029%
35	5.597	5.572	5.614	VV	594	10657	0.66%	0.120%
36	5.633	5.614	5.660	VV	424	8625	0.53%	0.097%

rteres.txt									
37	5.663	5.660	5.681	VV	286	2727	0.17%	0.031%	
38	5.685	5.681	5.705	VV	196	2629			
39	5.718	5.705	5.737	VV	334	4183			
40	5.752	5.737	5.776	VV	320	4609			
41	5.785	5.776	5.800	VV	203	2618			
42	5.850	5.800	5.890	VV	1703	38147			
43	5.903	5.890	5.946	VV	711	15552	0.96%	0.175%	
44	5.951	5.946	5.964	VV	405	3418	0.21%	0.038%	
45	5.977	5.964	5.993	VV	424	5706	0.35%	0.064%	
46	5.999	5.993	6.004	VV	286	1658	0.10%	0.019%	
47	6.031	6.004	6.074	VV	601	14351	0.89%	0.161%	
48	6.078	6.074	6.083	VV	237	1188	0.07%	0.013%	
49	6.102	6.083	6.131	VV	823	11847	0.73%	0.133%	
50	6.136	6.131	6.139	VV	191	756	0.05%	0.009%	
51	6.155	6.139	6.167	VV	222	2720	0.17%	0.031%	
52	6.175	6.167	6.195	VV	190	2312	0.14%	0.026%	
53	6.214	6.195	6.230	VV	263	4153	0.26%	0.047%	
54	6.238	6.230	6.249	VV	167	1692	0.10%	0.019%	
55	6.261	6.249	6.288	VV	443	6775	0.42%	0.076%	
56	6.301	6.288	6.320	VV	267	3331	0.21%	0.037%	
57	6.334	6.320	6.340	VV	270	2458	0.15%	0.028%	
58	6.375	6.340	6.400	VV	515	13080	0.81%	0.147%	
59	6.403	6.400	6.423	VV	379	4388	0.27%	0.049%	
60	6.433	6.423	6.480	VV	451	10129	0.63%	0.114%	
61	6.507	6.480	6.517	VV	415	6807	0.42%	0.077%	
62	6.533	6.517	6.575	VV	517	10885	0.67%	0.122%	
63	6.577	6.575	6.593	VV	298	2571	0.16%	0.029%	
64	6.600	6.593	6.604	VV	311	1737	0.11%	0.020%	
65	6.608	6.604	6.634	VV	336	4435	0.27%	0.050%	
66	6.672	6.634	6.703	VV	352	11893	0.73%	0.134%	
67	6.707	6.703	6.721	VV	337	3240	0.20%	0.036%	
68	6.736	6.721	6.753	VV	597	9146	0.57%	0.103%	
69	6.756	6.753	6.775	VV	1004	6466	0.40%	0.073%	
70	6.810	6.775	6.871	VV	1253	30927	1.91%	0.348%	
71	6.891	6.871	6.912	VV	338	7073	0.44%	0.080%	
72	6.916	6.912	6.928	VV	405	3284	0.20%	0.037%	
73	6.939	6.928	6.960	VV	384	5512	0.34%	0.062%	
74	6.982	6.960	7.019	VV	394	9067	0.56%	0.102%	
75	7.023	7.019	7.030	VV	214	1324	0.08%	0.015%	
76	7.035	7.030	7.041	VV	273	1387	0.09%	0.016%	
77	7.055	7.041	7.070	VV	373	4001	0.25%	0.045%	
78	7.093	7.070	7.118	VV	442	8335	0.52%	0.094%	
79	7.120	7.118	7.155	VV	304	4940	0.31%	0.056%	
80	7.175	7.155	7.182	VV	259	3241	0.20%	0.036%	
81	7.199	7.182	7.203	VV	248	2126	0.13%	0.024%	
82	7.213	7.203	7.231	VV	254	2676	0.17%	0.030%	
83	7.232	7.231	7.248	VV	145	742	0.05%	0.008%	
84	7.251	7.248	7.256	VV	125	289	0.02%	0.003%	
85	7.260	7.256	7.273	PV	146	834	0.05%	0.009%	
86	7.277	7.273	7.294	VV	154	1634	0.10%	0.018%	
87	7.336	7.294	7.347	VV	511	10886	0.67%	0.122%	
88	7.364	7.347	7.372	VV	741	9361	0.58%	0.105%	
89	7.375	7.372	7.386	VV	678	5290	0.33%	0.059%	

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

90	7.398	7.386	7.428	VV	748	14633	0.90%	0.165%
91	7.442	7.428	7.457	VV	667	9742		
92	7.468	7.457	7.494	VV	632	10739		
93	7.499	7.494	7.508	VV	446	3019		
94	7.514	7.508	7.541	VV	404	6764		
95	7.555	7.541	7.583	VV	364	7527		
96	7.602	7.583	7.631	VV	874	15412	0.95%	0.173%
97	7.649	7.631	7.670	VV	447	8287	0.51%	0.093%
98	7.689	7.670	7.696	VV	421	5547	0.34%	0.062%
99	7.699	7.696	7.706	VV	362	1921	0.12%	0.022%
100	7.712	7.706	7.732	VV	338	3590	0.22%	0.040%
101	7.744	7.732	7.755	VV	222	2657	0.16%	0.030%
102	7.760	7.755	7.765	VV	215	1165	0.07%	0.013%
103	7.769	7.765	7.785	VV	233	2585	0.16%	0.029%
104	7.804	7.785	7.828	VV	351	5946	0.37%	0.067%
105	7.844	7.828	7.859	VV	275	3467	0.21%	0.039%
106	7.868	7.859	7.873	VV	166	1001	0.06%	0.011%
107	7.890	7.873	7.917	VV	256	4770	0.29%	0.054%
108	7.930	7.917	7.942	VV	234	2272	0.14%	0.026%
109	7.945	7.942	7.974	VV	160	1843	0.11%	0.021%
110	7.981	7.974	7.985	VV	135	610	0.04%	0.007%
111	7.990	7.985	7.998	VV	134	747	0.05%	0.008%
112	8.021	7.998	8.052	VV	402	6575	0.41%	0.074%
113	8.072	8.052	8.099	PV	341	5981	0.37%	0.067%
114	8.129	8.099	8.139	VV	334	4540	0.28%	0.051%
115	8.144	8.139	8.154	VV	176	698	0.04%	0.008%
116	8.194	8.154	8.212	VV	392	6473	0.40%	0.073%
117	8.238	8.212	8.264	VV	641	12506	0.77%	0.141%
118	8.276	8.264	8.297	VV	304	4039	0.25%	0.045%
119	8.318	8.297	8.347	VV	251	4084	0.25%	0.046%
120	8.365	8.347	8.374	VV	170	1566	0.10%	0.018%
121	8.388	8.374	8.417	VV	293	3914	0.24%	0.044%
122	8.437	8.417	8.452	VV	195	2267	0.14%	0.025%
123	8.457	8.452	8.461	VV	135	570	0.04%	0.006%
124	8.502	8.461	8.515	VV	1217	20430	1.26%	0.230%
125	8.524	8.515	8.541	VV	1185	15892	0.98%	0.179%
126	8.550	8.541	8.554	VV	1051	8497	0.53%	0.096%
127	8.557	8.554	8.582	VV	1061	15308	0.95%	0.172%
128	8.586	8.582	8.591	VV	868	4309	0.27%	0.048%
129	8.596	8.591	8.615	VV	812	10807	0.67%	0.122%
130	8.629	8.615	8.648	VV	1059	16444	1.02%	0.185%
131	8.662	8.648	8.688	VV	1063	19289	1.19%	0.217%
132	8.700	8.688	8.726	VV	586	11993	0.74%	0.135%
133	8.739	8.726	8.760	VV	569	9440	0.58%	0.106%
134	8.763	8.760	8.770	VV	400	2282	0.14%	0.026%
135	8.783	8.770	8.790	VV	504	5431	0.34%	0.061%
136	8.793	8.790	8.817	VV	479	5416	0.33%	0.061%
137	8.823	8.817	8.829	VV	290	1757	0.11%	0.020%
138	8.834	8.829	8.843	VV	341	2507	0.15%	0.028%
139	8.859	8.843	8.879	VV	609	8565	0.53%	0.096%
140	8.884	8.879	8.888	VV	233	1094	0.07%	0.012%
141	8.913	8.888	8.936	VV	2857	40227	2.49%	0.452%

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

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rteres.txt									
142	8.947	8.936	8.986	VV	1219	24186	1.49%	0.272%	
143	8.991	8.986	9.000	VV	506	4035			
144	9.029	9.000	9.076	VV	648	18590			
145	9.101	9.076	9.128	VV	993	16450			
146	9.150	9.128	9.158	VV	729	9356			
147	9.172	9.158	9.249	VV	928	30566			
148	9.255	9.249	9.266	VV	413	3613	0.22%	0.041%	
149	9.295	9.266	9.332	VV	633	14035	0.87%	0.158%	
150	9.355	9.332	9.375	VV	404	7812	0.48%	0.088%	
151	9.396	9.375	9.436	VV	1154	24428	1.51%	0.275%	
152	9.439	9.436	9.462	VV	341	3902	0.24%	0.044%	
153	9.497	9.462	9.529	VV	1026	20497	1.27%	0.231%	
154	9.535	9.529	9.563	VV	363	5177	0.32%	0.058%	
155	9.577	9.563	9.613	VV	274	5167	0.32%	0.058%	
156	9.631	9.613	9.654	VV	254	3596	0.22%	0.040%	
157	9.680	9.654	9.702	VV	474	7284	0.45%	0.082%	
158	9.706	9.702	9.724	VV	228	2324	0.14%	0.026%	
159	9.738	9.724	9.747	VV	209	2192	0.14%	0.025%	
160	9.751	9.747	9.757	VV	166	746	0.05%	0.008%	
161	9.793	9.757	9.859	VV	15927	206467	12.76%	2.322%	
162	9.881	9.859	9.925	VV	5534	82480	5.10%	0.928%	
163	9.947	9.925	9.992	VV	1018	26782	1.66%	0.301%	
164	9.998	9.992	10.044	VV	486	12637	0.78%	0.142%	
165	10.056	10.044	10.092	VV	456	9733	0.60%	0.109%	
166	10.117	10.092	10.130	VV	805	12343	0.76%	0.139%	
167	10.154	10.130	10.264	VV	31063	560145	34.61%	6.299%	
168	10.280	10.264	10.304	VV	1455	26804	1.66%	0.301%	
169	10.308	10.304	10.323	VV	659	6416	0.40%	0.072%	
170	10.329	10.323	10.343	VV	551	6001	0.37%	0.067%	
171	10.346	10.343	10.367	VV	547	6694	0.41%	0.075%	
172	10.381	10.367	10.428	VV	573	13114	0.81%	0.147%	
173	10.449	10.428	10.489	VV	525	10145	0.63%	0.114%	
174	10.504	10.489	10.522	VV	484	6231	0.39%	0.070%	
175	10.528	10.522	10.534	VV	249	1241	0.08%	0.014%	
176	10.538	10.534	10.559	VV	150	1918	0.12%	0.022%	
177	10.564	10.559	10.576	VV	112	831	0.05%	0.009%	
178	10.629	10.576	10.667	VV	1646	28305	1.75%	0.318%	
179	10.670	10.667	10.691	VV	399	4199	0.26%	0.047%	
180	10.706	10.691	10.711	VV	321	2758	0.17%	0.031%	
181	10.739	10.711	10.747	VV	523	8797	0.54%	0.099%	
182	10.754	10.747	10.765	VV	443	4115	0.25%	0.046%	
183	10.770	10.765	10.799	VV	341	5268	0.33%	0.059%	
184	10.814	10.799	10.823	VV	362	3664	0.23%	0.041%	
185	10.832	10.823	10.838	VV	300	2453	0.15%	0.028%	
186	10.849	10.838	10.897	VV	366	7486	0.46%	0.084%	
187	10.920	10.897	10.933	VV	383	5266	0.33%	0.059%	
188	10.952	10.933	10.967	VV	485	6700	0.41%	0.075%	
189	10.983	10.967	10.998	VV	460	6561	0.41%	0.074%	
190	11.002	10.998	11.006	VV	361	1574	0.10%	0.018%	
191	11.027	11.006	11.044	VV	566	9277	0.57%	0.104%	
192	11.064	11.044	11.091	VV	660	13571	0.84%	0.153%	
193	11.094	11.091	11.113	VV	369	4097	0.25%	0.046%	
194	11.167	11.113	11.209	VV	601	21368	1.32%	0.240%	

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

195	11.211	11.209	11.242	VV	369	5369	0.33%	0.060%
196	11.259	11.242	11.289	VV	437	7356		
197	11.311	11.289	11.393	VV	2358	58745		
198	11.397	11.393	11.406	VV	385	2759		
199	11.429	11.406	11.475	VV	1028	21034		
200	11.486	11.475	11.525	VV	347	7297		
201	11.550	11.525	11.559	VV	265	3607	0.22%	0.041%
202	11.590	11.559	11.599	VV	257	3803	0.23%	0.043%
203	11.604	11.599	11.609	VV	267	1190	0.07%	0.013%
204	11.622	11.609	11.632	VV	420	2356	0.15%	0.026%
205	11.668	11.632	11.688	VV	487	8494	0.52%	0.096%
206	11.710	11.688	11.725	VV	581	10100	0.62%	0.114%
207	11.739	11.725	11.754	VV	606	8274	0.51%	0.093%
208	11.762	11.754	11.777	VV	300	3693	0.23%	0.042%
209	11.781	11.777	11.793	VV	200	1509	0.09%	0.017%
210	11.816	11.793	11.881	VV	821	20711	1.28%	0.233%
211	11.898	11.881	11.914	VV	391	4980	0.31%	0.056%
212	11.934	11.914	11.939	VV	425	4443	0.27%	0.050%
213	11.955	11.939	11.977	VV	606	11109	0.69%	0.125%
214	12.002	11.977	12.049	VV	1474	36026	2.23%	0.405%
215	12.061	12.049	12.078	VV	643	8677	0.54%	0.098%
216	12.089	12.078	12.114	VV	454	7173	0.44%	0.081%
217	12.163	12.114	12.214	VV	3050	75730	4.68%	0.852%
218	12.221	12.214	12.250	VV	958	12244	0.76%	0.138%
219	12.279	12.250	12.321	VV	588	15966	0.99%	0.180%
220	12.327	12.321	12.359	VV	318	4901	0.30%	0.055%
221	12.414	12.359	12.421	VV	838	16061	0.99%	0.181%
222	12.438	12.421	12.456	VV	828	14156	0.87%	0.159%
223	12.463	12.456	12.480	VV	609	6036	0.37%	0.068%
224	12.507	12.480	12.534	VV	5033	77175	4.77%	0.868%
225	12.547	12.534	12.603	VV	2014	39179	2.42%	0.441%
226	12.625	12.603	12.635	VV	924	12324	0.76%	0.139%
227	12.662	12.635	12.691	VV	54623	706274	43.64%	7.943%
228	12.698	12.691	12.729	VV	6201	96860	5.99%	1.089%
229	12.743	12.729	12.760	VV	3086	46351	2.86%	0.521%
230	12.774	12.760	12.821	VV	2243	56776	3.51%	0.639%
231	12.838	12.821	12.853	VV	1059	17715	1.09%	0.199%
232	12.879	12.853	12.899	VV	4868	67156	4.15%	0.755%
233	12.907	12.899	12.929	VV	1520	19494	1.20%	0.219%
234	12.935	12.929	12.963	VV	573	9455	0.58%	0.106%
235	12.991	12.963	13.018	VV	2359	37855	2.34%	0.426%
236	13.019	13.018	13.034	VV	691	5631	0.35%	0.063%
237	13.052	13.034	13.078	VV	1048	16500	1.02%	0.186%
238	13.084	13.078	13.099	VV	270	2698	0.17%	0.030%
239	13.124	13.099	13.208	VV	2999	76131	4.70%	0.856%
240	13.218	13.208	13.239	VV	317	4184	0.26%	0.047%
241	13.243	13.239	13.259	VV	112	1026	0.06%	0.012%
242	13.312	13.259	13.337	PV	379	8498	0.53%	0.096%
243	13.346	13.337	13.351	VV	271	1981	0.12%	0.022%
244	13.366	13.351	13.380	VV	305	3874	0.24%	0.044%
245	13.384	13.380	13.390	VV	211	962	0.06%	0.011%
246	13.414	13.390	13.437	VV	294	5988	0.37%	0.067%

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

247	13.469	13.437	13.529	VV	1350	39286	2.43%	0.442%	
248	13.552	13.529	13.578	VV	456	7706			
249	13.599	13.578	13.640	VV	325	6969			
250	13.674	13.640	13.699	VV	1124	22674			
251	13.703	13.699	13.717	VV	762	7501			
252	13.744	13.717	13.779	VV	1930	48132			
253	13.784	13.779	13.789	VV	1000	5574	0.34%	0.063%	
254	13.793	13.789	13.826	VV	850	17125	1.06%	0.193%	
255	13.830	13.826	13.868	VV	722	14585	0.90%	0.164%	
256	13.905	13.868	13.982	VV	5776	131329	8.12%	1.477%	
257	13.988	13.982	13.994	VV	639	4535	0.28%	0.051%	
258	14.021	13.994	14.046	VV	1296	26575	1.64%	0.299%	
259	14.067	14.046	14.078	VV	798	12060	0.75%	0.136%	
260	14.096	14.078	14.100	VV	692	7947	0.49%	0.089%	
261	14.105	14.100	14.112	VV	634	4022	0.25%	0.045%	
262	14.127	14.112	14.146	VV	908	15203	0.94%	0.171%	
263	14.170	14.146	14.198	VV	2575	43458	2.69%	0.489%	
264	14.212	14.198	14.234	VV	760	13561	0.84%	0.153%	
265	14.262	14.234	14.282	VV	925	20246	1.25%	0.228%	
266	14.287	14.282	14.300	VV	654	6514	0.40%	0.073%	
267	14.321	14.300	14.340	VV	722	14108	0.87%	0.159%	
268	14.350	14.340	14.353	VV	534	3829	0.24%	0.043%	
269	14.357	14.353	14.375	VV	560	6665	0.41%	0.075%	
270	14.392	14.375	14.413	VV	845	14146	0.87%	0.159%	
271	14.417	14.413	14.439	VV	522	6681	0.41%	0.075%	
272	14.480	14.439	14.490	VV	779	17614	1.09%	0.198%	
273	14.533	14.490	14.562	VV	1522	38351	2.37%	0.431%	
274	14.564	14.562	14.578	VV	637	5027	0.31%	0.057%	
275	14.582	14.578	14.609	VV	591	8278	0.51%	0.093%	
276	14.630	14.609	14.644	VV	926	15499	0.96%	0.174%	
277	14.670	14.644	14.693	VV	1295	32519	2.01%	0.366%	
278	14.695	14.693	14.750	VV	1244	28226	1.74%	0.317%	
279	14.779	14.750	14.801	VV	820	19061	1.18%	0.214%	
280	14.828	14.801	14.859	VV	1761	32050	1.98%	0.360%	
281	14.863	14.859	14.888	VV	674	9606	0.59%	0.108%	
282	14.930	14.888	14.948	VV	924	27127	1.68%	0.305%	
283	14.952	14.948	14.974	VV	752	9538	0.59%	0.107%	
284	14.978	14.974	14.993	VV	557	5879	0.36%	0.066%	
285	15.018	14.993	15.028	VV	605	11494	0.71%	0.129%	
286	15.032	15.028	15.055	VV	582	9047	0.56%	0.102%	
287	15.109	15.055	15.117	VV	721	21789	1.35%	0.245%	
288	15.169	15.117	15.201	VV	114057	1618227	100.00%	18.199%	
289	15.210	15.201	15.271	VV	4504	82109	5.07%	0.923%	
290	15.291	15.271	15.317	VV	1642	29379	1.82%	0.330%	
291	15.340	15.317	15.397	VV	1347	43433	2.68%	0.488%	
292	15.420	15.397	15.469	VV	1751	36412	2.25%	0.409%	
293	15.483	15.469	15.492	VV	494	5801	0.36%	0.065%	
294	15.514	15.492	15.531	VV	542	9618	0.59%	0.108%	
295	15.537	15.531	15.546	VV	405	2859	0.18%	0.032%	
296	15.567	15.546	15.609	VV	862	18385	1.14%	0.207%	
297	15.613	15.609	15.641	VV	407	6172	0.38%	0.069%	
298	15.649	15.641	15.654	VV	309	2133	0.13%	0.024%	
299	15.659	15.654	15.674	VV	280	3002	0.19%	0.034%	

Instrument :

FID_G

ClientSampleId :

WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

300	15.700	15.674	15.728	VV	1235	20444	1.26%	0.230%
301	15.765	15.728	15.878	VV	14423	397277	2.48%	0.451%
302	15.915	15.878	15.939	VV	1276	29611	0.76%	0.138%
303	15.975	15.939	16.011	VV	1360	29909	0.39%	0.071%
304	16.026	16.011	16.035	VV	486	5284	0.41%	0.074%
305	16.041	16.035	16.055	VV	528	5338	0.98%	0.179%
306	16.059	16.055	16.064	VV	391	2238	0.14%	0.025%
307	16.077	16.064	16.087	VV	490	5657	0.35%	0.064%
308	16.095	16.087	16.110	VV	419	5209	0.32%	0.059%
309	16.131	16.110	16.161	VV	576	12336	0.76%	0.139%
310	16.221	16.161	16.236	VV	1136	26063	1.61%	0.293%
311	16.253	16.236	16.287	VV	2074	40126	2.48%	0.451%
312	16.294	16.287	16.319	VV	859	12244	0.76%	0.138%
313	16.322	16.319	16.352	VV	394	6323	0.39%	0.071%
314	16.368	16.352	16.385	VV	442	6565	0.41%	0.074%
315	16.402	16.385	16.445	VV	679	15896	0.98%	0.179%
316	16.469	16.445	16.509	VV	458	10392	0.64%	0.117%
317	16.529	16.509	16.558	VV	188	2836	0.18%	0.032%
318	16.573	16.558	16.589	PV	234	2588	0.16%	0.029%
319	16.595	16.589	16.598	VV	188	774	0.05%	0.009%
320	16.622	16.598	16.648	VV	291	5840	0.36%	0.066%
321	16.657	16.648	16.674	VV	182	1863	0.12%	0.021%
322	16.718	16.674	16.730	VV	361	8547	0.53%	0.096%
323	16.738	16.730	16.758	VV	245	3426	0.21%	0.039%
324	16.791	16.758	16.832	VV	2183	52862	3.27%	0.594%
325	16.851	16.832	16.871	VV	1409	22427	1.39%	0.252%
326	16.884	16.871	16.913	VV	860	14723	0.91%	0.166%
327	16.932	16.913	16.949	VV	894	13287	0.82%	0.149%
328	16.968	16.949	16.997	VV	924	15523	0.96%	0.175%
329	17.021	16.997	17.047	VV	1437	22604	1.40%	0.254%
330	17.052	17.047	17.072	VV	384	5044	0.31%	0.057%
331	17.090	17.072	17.114	VV	327	5852	0.36%	0.066%
332	17.118	17.114	17.121	VV	166	601	0.04%	0.007%
333	17.126	17.121	17.131	VV	223	977	0.06%	0.011%
334	17.151	17.131	17.166	VV	219	3825	0.24%	0.043%
335	17.176	17.166	17.209	VV	150	2393	0.15%	0.027%
336	17.251	17.209	17.264	VV	550	8525	0.53%	0.096%
337	17.275	17.264	17.302	VV	506	6167	0.38%	0.069%
338	17.341	17.302	17.381	VV	1518	35757	2.21%	0.402%
339	17.407	17.381	17.466	VV	18373	265587	16.41%	2.987%
340	17.493	17.466	17.498	VV	118	1254	0.08%	0.014%

Sum of corrected areas: 8892006

FG090525.M Thu Sep 18 15:15:34 2025

Instrument :
FID_G
ClientSampleId :
WEST-SIDE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025
Supervised By :mohammad ahmed 09/19/2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	NORTH-SIDE		SDG No.:	Q3124	
Lab Sample ID:	Q3124-03		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	85.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016396.D	1	09/18/25 08:30	09/18/25 13:51	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	8720		198	1950	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	12.3		37 - 130	61%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016396.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:51
Operator : YP\AJ
Sample : Q3124-03
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
NORTH-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 14:32:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.067	1585783	12.247 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

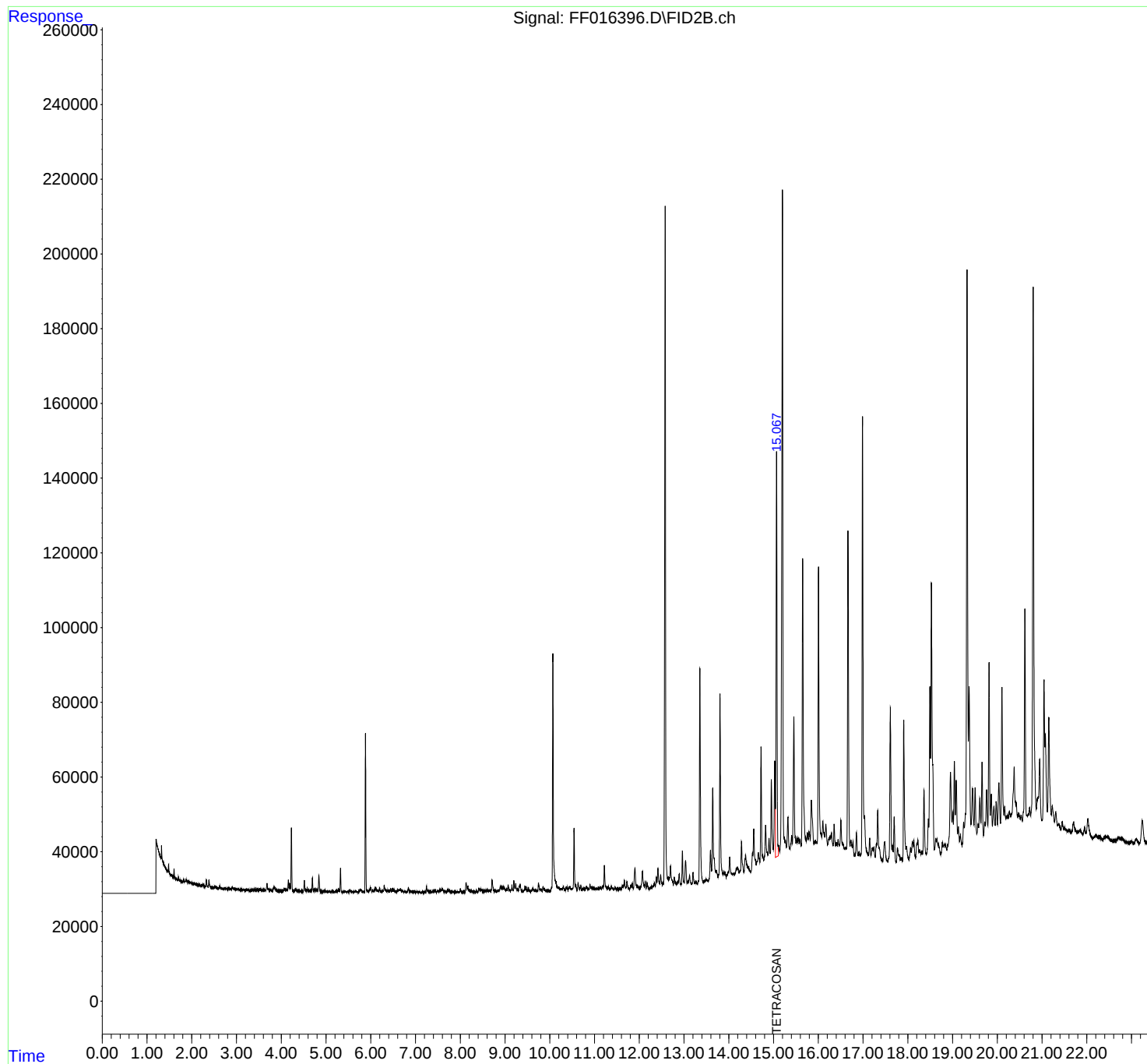
(m)=manual int.

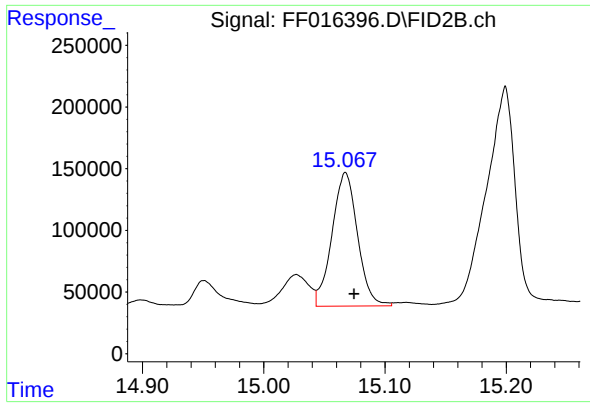
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016396.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:51
Operator : YP\AJ
Sample : Q3124-03
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
NORTH-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 14:32:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: -0.007 min
Response: 1585783
Conc: 12.25 ug/ml

Instrument :
FID_F
ClientSampleId :
NORTH-SIDE

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016396.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 13:51
Sample : Q3124-03
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.444	4.429	4.454	BV	74	177	0.01%	0.001%
2	4.458	4.454	4.468	VV	121	545	0.02%	0.002%
3	4.473	4.468	4.485	VV	121	680	0.02%	0.002%
4	4.516	4.485	4.558	PV	3076	41301	1.23%	0.124%
5	4.577	4.558	4.598	VV	792	11700	0.35%	0.035%
6	4.609	4.598	4.637	VV	399	7477	0.22%	0.022%
7	4.641	4.637	4.653	VV	323	2178	0.06%	0.007%
8	4.664	4.653	4.677	VV	327	3652	0.11%	0.011%
9	4.696	4.677	4.732	VV	3723	41873	1.24%	0.126%
10	4.750	4.732	4.767	VV	706	9264	0.27%	0.028%
11	4.783	4.767	4.801	VV	557	8891	0.26%	0.027%
12	4.810	4.801	4.821	VV	471	4881	0.14%	0.015%
13	4.841	4.821	4.880	VV	4313	56320	1.67%	0.169%
14	4.884	4.880	4.913	PB	87	985	0.03%	0.003%
15	4.928	4.915	4.936	BV	122	492	0.01%	0.001%
16	4.952	4.936	4.957	VV	236	1780	0.05%	0.005%
17	4.963	4.957	4.969	VV	247	1608	0.05%	0.005%
18	4.975	4.969	5.001	VV	321	3676	0.11%	0.011%
19	5.007	5.001	5.027	VV	103	960	0.03%	0.003%
20	5.031	5.027	5.037	PV	53	384	0.01%	0.001%
21	5.060	5.037	5.079	VV	144	1760	0.05%	0.005%
22	5.082	5.079	5.109	VV	87	573	0.02%	0.002%
23	5.141	5.109	5.178	PV	220	4257	0.13%	0.013%
24	5.184	5.178	5.202	VV	136	1067	0.03%	0.003%
25	5.219	5.202	5.236	VV	365	5291	0.16%	0.016%
26	5.243	5.236	5.263	VV	360	3585	0.11%	0.011%
27	5.278	5.263	5.304	VV	869	11500	0.34%	0.035%
28	5.324	5.304	5.358	VV	6486	66475	1.97%	0.200%
29	5.381	5.358	5.394	VV	280	2953	0.09%	0.009%
30	5.411	5.394	5.446	VV	260	6187	0.18%	0.019%
31	5.463	5.446	5.475	VV	152	1926	0.06%	0.006%
32	5.479	5.475	5.483	VV	123	437	0.01%	0.001%
33	5.493	5.483	5.509	VV	176	1780	0.05%	0.005%
34	5.531	5.509	5.556	PV	749	10385	0.31%	0.031%
35	5.567	5.556	5.585	VV	354	3899	0.12%	0.012%
36	5.590	5.585	5.598	VV	131	433	0.01%	0.001%

					rteres			
37	5.606	5.598	5.619	VV	113	733	0.02%	0.002%
38	5.627	5.619	5.642	VV	103	1219	0.04%	0.004%
39	5.662	5.642	5.690	VV	515	8765	0.26%	0.026%
40	5.691	5.690	5.715	VV	275	1567	0.05%	0.005%
41	5.747	5.715	5.753	VV	435	6094	0.18%	0.018%
42	5.764	5.753	5.773	VV	894	8326	0.25%	0.025%
43	5.782	5.773	5.826	VV	871	11635	0.35%	0.035%
44	5.845	5.826	5.861	VV	223	3361	0.10%	0.010%
45	5.882	5.861	5.912	VV	42628	418976	12.43%	1.258%
46	5.919	5.912	5.940	VV	622	6680	0.20%	0.020%
47	5.969	5.940	5.982	VV	817	11624	0.34%	0.035%
48	5.996	5.982	6.026	VV	1292	21572	0.64%	0.065%
49	6.043	6.026	6.062	VV	840	10502	0.31%	0.032%
50	6.103	6.062	6.152	VV	1433	40218	1.19%	0.121%
51	6.165	6.152	6.178	VV	545	6775	0.20%	0.020%
52	6.199	6.178	6.235	VV	1158	19531	0.58%	0.059%
53	6.266	6.235	6.279	VV	532	10112	0.30%	0.030%
54	6.301	6.279	6.358	VV	1980	39478	1.17%	0.119%
55	6.377	6.358	6.399	VV	721	12851	0.38%	0.039%
56	6.412	6.399	6.428	VV	526	7523	0.22%	0.023%
57	6.446	6.428	6.468	VV	1072	14280	0.42%	0.043%
58	6.485	6.468	6.502	VV	1162	14278	0.42%	0.043%
59	6.519	6.502	6.550	VV	865	13366	0.40%	0.040%
60	6.560	6.550	6.579	VV	363	4417	0.13%	0.013%
61	6.601	6.579	6.613	VV	776	10292	0.31%	0.031%
62	6.630	6.613	6.655	VV	834	17166	0.51%	0.052%
63	6.666	6.655	6.705	VV	1060	18674	0.55%	0.056%
64	6.710	6.705	6.743	VV	477	7253	0.22%	0.022%
65	6.765	6.743	6.793	VV	395	7304	0.22%	0.022%
66	6.813	6.793	6.824	VV	335	4613	0.14%	0.014%
67	6.840	6.824	6.872	VV	1349	19462	0.58%	0.058%
68	6.885	6.872	6.912	VV	398	6307	0.19%	0.019%
69	6.926	6.912	6.944	VV	213	3239	0.10%	0.010%
70	6.954	6.944	6.978	VV	299	4358	0.13%	0.013%
71	6.981	6.978	7.000	VV	280	2375	0.07%	0.007%
72	7.030	7.000	7.066	VV	393	8113	0.24%	0.024%
73	7.080	7.066	7.123	VV	279	5528	0.16%	0.017%
74	7.158	7.123	7.163	PV	222	2238	0.07%	0.007%
75	7.166	7.163	7.181	VV	130	1144	0.03%	0.003%
76	7.198	7.181	7.227	VV	306	4056	0.12%	0.012%
77	7.244	7.227	7.291	VV	1720	26325	0.78%	0.079%
78	7.294	7.291	7.323	VV	410	5577	0.17%	0.017%
79	7.342	7.323	7.365	VV	282	4680	0.14%	0.014%
80	7.406	7.365	7.419	VV	780	11982	0.36%	0.036%
81	7.441	7.419	7.468	VV	670	12266	0.36%	0.037%
82	7.494	7.468	7.514	VV	509	9562	0.28%	0.029%
83	7.549	7.514	7.569	VV	754	17524	0.52%	0.053%
84	7.599	7.569	7.639	VV	1057	28351	0.84%	0.085%
85	7.642	7.639	7.651	VV	308	1611	0.05%	0.005%
86	7.663	7.651	7.668	VV	313	2392	0.07%	0.007%
87	7.678	7.668	7.696	VV	298	4070	0.12%	0.012%
88	7.720	7.696	7.759	VV	923	20722	0.61%	0.062%
89	7.763	7.759	7.803	VV	533	6818	0.20%	0.020%

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90	7.823	7.803	7.833	VV	304	4509	0.13%	0.014%
91	7.836	7.833	7.855	VV	305	2843	0.08%	0.009%
92	7.859	7.855	7.880	VV	193	1556	0.05%	0.005%
93	7.884	7.880	7.890	VV	84	525	0.02%	0.002%
94	7.892	7.890	7.896	VV	138	350	0.01%	0.001%
95	7.904	7.896	7.918	VV	157	1477	0.04%	0.004%
96	7.939	7.918	7.952	VV	279	3199	0.09%	0.010%
97	7.957	7.952	7.976	VV	163	1873	0.06%	0.006%
98	8.001	7.976	8.039	VV	1093	15109	0.45%	0.045%
99	8.058	8.039	8.073	VV	268	3540	0.11%	0.011%
100	8.077	8.073	8.094	VV	200	1299	0.04%	0.004%
101	8.131	8.094	8.155	PV	2303	43008	1.28%	0.129%
102	8.171	8.155	8.237	VV	1774	37777	1.12%	0.113%
103	8.253	8.237	8.276	VV	398	6165	0.18%	0.019%
104	8.280	8.276	8.284	VV	184	971	0.03%	0.003%
105	8.291	8.284	8.300	VV	219	1686	0.05%	0.005%
106	8.316	8.300	8.337	VV	255	3198	0.09%	0.010%
107	8.361	8.337	8.399	VV	391	7039	0.21%	0.021%
108	8.418	8.399	8.440	VV	1068	17749	0.53%	0.053%
109	8.458	8.440	8.480	VV	869	16807	0.50%	0.050%
110	8.485	8.480	8.522	VV	579	10376	0.31%	0.031%
111	8.534	8.522	8.539	VV	322	2938	0.09%	0.009%
112	8.544	8.539	8.550	VV	370	2048	0.06%	0.006%
113	8.566	8.550	8.581	VV	534	7521	0.22%	0.023%
114	8.600	8.581	8.620	VV	598	10366	0.31%	0.031%
115	8.632	8.620	8.643	VV	448	5688	0.17%	0.017%
116	8.670	8.643	8.687	VV	507	11131	0.33%	0.033%
117	8.712	8.687	8.766	VV	3320	61451	1.82%	0.185%
118	8.768	8.766	8.777	VV	315	1770	0.05%	0.005%
119	8.785	8.777	8.811	VV	375	4940	0.15%	0.015%
120	8.829	8.811	8.841	VV	416	4770	0.14%	0.014%
121	8.848	8.841	8.864	VV	388	4699	0.14%	0.014%
122	8.897	8.864	8.912	VV	1647	28452	0.84%	0.085%
123	8.924	8.912	8.943	VV	1544	21983	0.65%	0.066%
124	8.957	8.943	8.973	VV	1295	19898	0.59%	0.060%
125	8.984	8.973	9.018	VV	1276	23672	0.70%	0.071%
126	9.038	9.018	9.052	VV	724	12392	0.37%	0.037%
127	9.070	9.052	9.113	VV	1855	31651	0.94%	0.095%
128	9.116	9.113	9.123	VV	469	2436	0.07%	0.007%
129	9.155	9.123	9.174	VV	1781	22574	0.67%	0.068%
130	9.198	9.174	9.223	VV	3047	41838	1.24%	0.126%
131	9.240	9.223	9.303	VV	2224	46542	1.38%	0.140%
132	9.322	9.303	9.333	VV	1648	20971	0.62%	0.063%
133	9.343	9.333	9.378	VV	1765	22546	0.67%	0.068%
134	9.388	9.378	9.408	VV	217	2692	0.08%	0.008%
135	9.447	9.408	9.461	VV	1454	21545	0.64%	0.065%
136	9.475	9.461	9.498	VV	1282	15923	0.47%	0.048%
137	9.517	9.498	9.571	VV	1223	19856	0.59%	0.060%
138	9.593	9.571	9.605	VV	530	6725	0.20%	0.020%
139	9.620	9.605	9.671	VV	936	20315	0.60%	0.061%
140	9.688	9.671	9.704	VV	378	6066	0.18%	0.018%
141	9.714	9.704	9.730	VV	409	4464	0.13%	0.013%

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142	9.748	9.730	9.787	VV	2370	37848	1.12%	0.114%
143	9.804	9.787	9.827	VV	764	11332	0.34%	0.034%
144	9.849	9.827	9.872	VV	1304	20931	0.62%	0.063%
145	9.885	9.872	9.906	VV	795	10800	0.32%	0.032%
146	9.915	9.906	9.926	VV	354	3544	0.11%	0.011%
147	9.940	9.926	9.962	VV	392	6366	0.19%	0.019%
148	9.980	9.962	10.003	VV	290	4598	0.14%	0.014%
149	10.041	10.003	10.046	PV	1098	13272	0.39%	0.040%
150	10.070	10.046	10.187	VV	63638	884065	26.23%	2.654%
151	10.202	10.187	10.232	VV	1189	22953	0.68%	0.069%
152	10.238	10.232	10.272	VV	691	14349	0.43%	0.043%
153	10.303	10.272	10.346	VV	1198	29621	0.88%	0.089%
154	10.366	10.346	10.375	VV	960	11606	0.34%	0.035%
155	10.387	10.375	10.408	VV	1132	15372	0.46%	0.046%
156	10.433	10.408	10.444	VV	952	16316	0.48%	0.049%
157	10.453	10.444	10.486	VV	1088	18734	0.56%	0.056%
158	10.505	10.486	10.516	VV	776	10665	0.32%	0.032%
159	10.543	10.516	10.568	VV	16849	196516	5.83%	0.590%
160	10.580	10.568	10.609	VV	1724	25945	0.77%	0.078%
161	10.634	10.609	10.670	VV	2108	40577	1.20%	0.122%
162	10.688	10.670	10.713	VV	1273	17929	0.53%	0.054%
163	10.731	10.713	10.744	VV	594	6940	0.21%	0.021%
164	10.759	10.744	10.794	VV	660	13347	0.40%	0.040%
165	10.823	10.794	10.873	VV	1051	30364	0.90%	0.091%
166	10.900	10.873	10.932	VV	1630	30769	0.91%	0.092%
167	10.942	10.932	10.958	VV	912	11543	0.34%	0.035%
168	10.970	10.958	10.986	VV	670	9227	0.27%	0.028%
169	10.997	10.986	11.029	VV	638	11580	0.34%	0.035%
170	11.046	11.029	11.059	VV	650	7892	0.23%	0.024%
171	11.063	11.059	11.067	VV	379	1743	0.05%	0.005%
172	11.083	11.067	11.099	VV	543	8872	0.26%	0.027%
173	11.127	11.099	11.154	VV	767	17744	0.53%	0.053%
174	11.172	11.154	11.184	VV	1099	13221	0.39%	0.040%
175	11.219	11.184	11.254	VV	6670	103822	3.08%	0.312%
176	11.257	11.254	11.286	VV	961	13240	0.39%	0.040%
177	11.307	11.286	11.335	VV	872	16680	0.49%	0.050%
178	11.352	11.335	11.357	VV	449	5000	0.15%	0.015%
179	11.379	11.357	11.434	VV	909	20339	0.60%	0.061%
180	11.462	11.434	11.484	PV	699	10805	0.32%	0.032%
181	11.506	11.484	11.528	VV	269	5187	0.15%	0.016%
182	11.538	11.528	11.544	PV	108	682	0.02%	0.002%
183	11.555	11.544	11.559	VV	195	1189	0.04%	0.004%
184	11.589	11.559	11.602	VV	424	7148	0.21%	0.021%
185	11.623	11.602	11.638	VV	1174	16761	0.50%	0.050%
186	11.667	11.638	11.699	VV	2551	46388	1.38%	0.139%
187	11.724	11.699	11.786	VV	2004	39227	1.16%	0.118%
188	11.811	11.786	11.826	VV	1164	16766	0.50%	0.050%
189	11.843	11.826	11.868	VV	1703	23852	0.71%	0.072%
190	11.903	11.868	11.953	VV	5660	118057	3.50%	0.354%
191	11.965	11.953	11.993	VV	823	13100	0.39%	0.039%
192	12.005	11.993	12.018	VV	294	3055	0.09%	0.009%
193	12.071	12.018	12.113	VV	4799	101079	3.00%	0.303%
194	12.133	12.113	12.156	VV	1965	27087	0.80%	0.081%

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195	12.174	12.156	12.214	VV	1695	24602	0.73%	0.074%
196	12.225	12.214	12.228	PV	65	329	0.01%	0.001%
197	12.236	12.228	12.244	VV	143	886	0.03%	0.003%
198	12.274	12.244	12.285	VV	544	8049	0.24%	0.024%
199	12.307	12.285	12.312	VV	679	7217	0.21%	0.022%
200	12.338	12.312	12.358	VV	1342	24941	0.74%	0.075%
201	12.380	12.358	12.396	VV	2786	39761	1.18%	0.119%
202	12.417	12.396	12.458	VV	5263	100972	3.00%	0.303%
203	12.479	12.458	12.514	VV	3431	63461	1.88%	0.191%
204	12.529	12.514	12.537	VV	1149	13504	0.40%	0.041%
205	12.580	12.537	12.635	VV	181959	2569140	76.23%	7.714%
206	12.648	12.635	12.663	VV	2732	39782	1.18%	0.119%
207	12.676	12.663	12.683	VV	2581	26553	0.79%	0.080%
208	12.698	12.683	12.763	VV	5562	121872	3.62%	0.366%
209	12.783	12.763	12.804	VV	2457	37835	1.12%	0.114%
210	12.814	12.804	12.834	VV	974	14104	0.42%	0.042%
211	12.862	12.834	12.870	VV	1109	17870	0.53%	0.054%
212	12.892	12.870	12.936	VV	3191	58378	1.73%	0.175%
213	12.965	12.936	13.002	VV	9325	128446	3.81%	0.386%
214	13.034	13.002	13.068	VV	6575	128335	3.81%	0.385%
215	13.085	13.068	13.100	VV	967	15931	0.47%	0.048%
216	13.125	13.100	13.175	VV	2511	47393	1.41%	0.142%
217	13.199	13.175	13.244	VV	3220	53548	1.59%	0.161%
218	13.264	13.244	13.299	VV	925	14951	0.44%	0.045%
219	13.319	13.299	13.326	PV	870	7695	0.23%	0.023%
220	13.354	13.326	13.434	VV	57748	841495	24.97%	2.527%
221	13.447	13.434	13.464	VV	754	11187	0.33%	0.034%
222	13.489	13.464	13.516	VV	1024	23588	0.70%	0.071%
223	13.523	13.516	13.542	VV	741	8831	0.26%	0.027%
224	13.591	13.542	13.619	VV	8600	162245	4.81%	0.487%
225	13.642	13.619	13.714	VV	25299	488922	14.51%	1.468%
226	13.730	13.714	13.760	VV	2680	57689	1.71%	0.173%
227	13.804	13.760	13.874	VV	50104	734995	21.81%	2.207%
228	13.891	13.874	13.910	VV	2532	45501	1.35%	0.137%
229	13.915	13.910	13.942	VV	2062	30175	0.90%	0.091%
230	13.959	13.942	13.969	VV	1686	21598	0.64%	0.065%
231	13.985	13.969	13.995	VV	2228	30597	0.91%	0.092%
232	14.021	13.995	14.067	VV	6203	133529	3.96%	0.401%
233	14.073	14.067	14.077	VV	1526	9136	0.27%	0.027%
234	14.104	14.077	14.122	VV	1701	40713	1.21%	0.122%
235	14.166	14.122	14.177	VV	2896	65109	1.93%	0.195%
236	14.192	14.177	14.237	VV	3026	90480	2.68%	0.272%
237	14.284	14.237	14.335	VV	9941	232947	6.91%	0.699%
238	14.376	14.335	14.419	VV	6019	196540	5.83%	0.590%
239	14.431	14.419	14.487	VV	3045	91321	2.71%	0.274%
240	14.529	14.487	14.538	VV	6447	111155	3.30%	0.334%
241	14.557	14.538	14.611	VV	12885	301326	8.94%	0.905%
242	14.631	14.611	14.637	VV	4177	57741	1.71%	0.173%
243	14.660	14.637	14.695	VV	6339	171693	5.09%	0.515%
244	14.721	14.695	14.779	VV	34529	595960	17.68%	1.789%
245	14.822	14.779	14.875	VV	13509	425563	12.63%	1.278%
246	14.899	14.875	14.926	VV	9850	217472	6.45%	0.653%

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247	14.951	14.926	14.995	VV	25426	523735	15.54%	1.572%
248	15.027	14.995	15.043	VV	30340	534767	15.87%	1.606%
249	15.067	15.043	15.105	VV	113061	1758738	52.18%	5.280%
250	15.118	15.105	15.139	VV	7531	138343	4.10%	0.415%
251	15.199	15.139	15.259	VV	182003	3370307	100.00%	10.119%
252	15.267	15.259	15.285	VV	8686	127273	3.78%	0.382%
253	15.321	15.285	15.362	VV	14890	431359	12.80%	1.295%
254	15.368	15.362	15.370	VV	6291	28632	0.85%	0.086%
255	15.404	15.370	15.420	VV	9891	242859	7.21%	0.729%
256	15.454	15.420	15.500	VV	41534	879599	26.10%	2.641%
257	15.519	15.500	15.536	VV	8801	173404	5.15%	0.521%
258	15.552	15.536	15.572	VV	8866	180108	5.34%	0.541%
259	15.593	15.572	15.620	VV	8444	221793	6.58%	0.666%
260	15.651	15.620	15.732	VV	83486	1695966	50.32%	5.092%
261	15.757	15.732	15.777	VV	10056	238596	7.08%	0.716%
262	15.793	15.777	15.821	VV	10320	245316	7.28%	0.737%
263	15.845	15.821	15.900	VV	18530	591550	17.55%	1.776%
264	15.934	15.900	15.944	VV	7822	187130	5.55%	0.562%
265	15.949	15.944	15.954	VV	7311	43047	1.28%	0.129%
266	15.961	15.954	15.972	VV	7246	77092	2.29%	0.231%
267	16.005	15.972	16.078	VV	80429	1487072	44.12%	4.465%
268	16.102	16.078	16.145	VV	12573	402984	11.96%	1.210%
269	16.169	16.145	16.206	VV	11686	327185	9.71%	0.982%
270	16.240	16.206	16.249	VV	7801	181779	5.39%	0.546%
271	16.261	16.249	16.276	VV	8372	131989	3.92%	0.396%
272	16.294	16.276	16.331	VV	9076	246115	7.30%	0.739%
273	16.354	16.331	16.386	VV	11361	259837	7.71%	0.780%
274	16.409	16.386	16.426	VV	6384	141171	4.19%	0.424%
275	16.443	16.426	16.472	VV	7108	168901	5.01%	0.507%
276	16.506	16.472	16.534	VV	12246	297492	8.83%	0.893%
277	16.549	16.534	16.585	VV	6007	162462	4.82%	0.488%
278	16.599	16.585	16.622	VV	4817	100323	2.98%	0.301%
279	16.664	16.622	16.710	VV	88680	1495976	44.39%	4.492%
280	16.729	16.710	16.762	VV	6374	169938	5.04%	0.510%
281	16.778	16.762	16.813	VV	6095	120321	3.57%	0.361%
282	16.852	16.813	16.887	VV	8359	190752	5.66%	0.573%
283	16.909	16.887	16.927	VV	3056	62292	1.85%	0.187%
284	16.989	16.927	17.025	VV	119395	1762802	52.30%	5.293%
285	17.033	17.025	17.126	VV	12552	302602	8.98%	0.909%
286	17.150	17.126	17.180	VV	6363	119231	3.54%	0.358%
287	17.207	17.180	17.228	VV	3621	84542	2.51%	0.254%
288	17.243	17.228	17.269	VV	3852	67824	2.01%	0.204%
289	17.297	17.269	17.304	VV	4631	64746	1.92%	0.194%
290	17.328	17.304	17.416	VV	13633	299762	8.89%	0.900%
291	17.421	17.416	17.437	VV	209	1344	0.04%	0.004%
292	17.482	17.437	17.500	PBA	3006	58400	1.73%	0.175%
						Sum of corrected areas:	33306706	

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Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	NORTH-SIDE		SDG No.:	Q3124	
Lab Sample ID:	Q3124-04		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	850	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016622.D	1	09/17/25 12:20	09/18/25 13:22	PB169733

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	42.0	J	7.00	59.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.1		29 - 130	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016622.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 13:22
Operator : YP\AJ
Sample : Q3124-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
NORTH-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 15:06:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.169	1652175	15.120 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

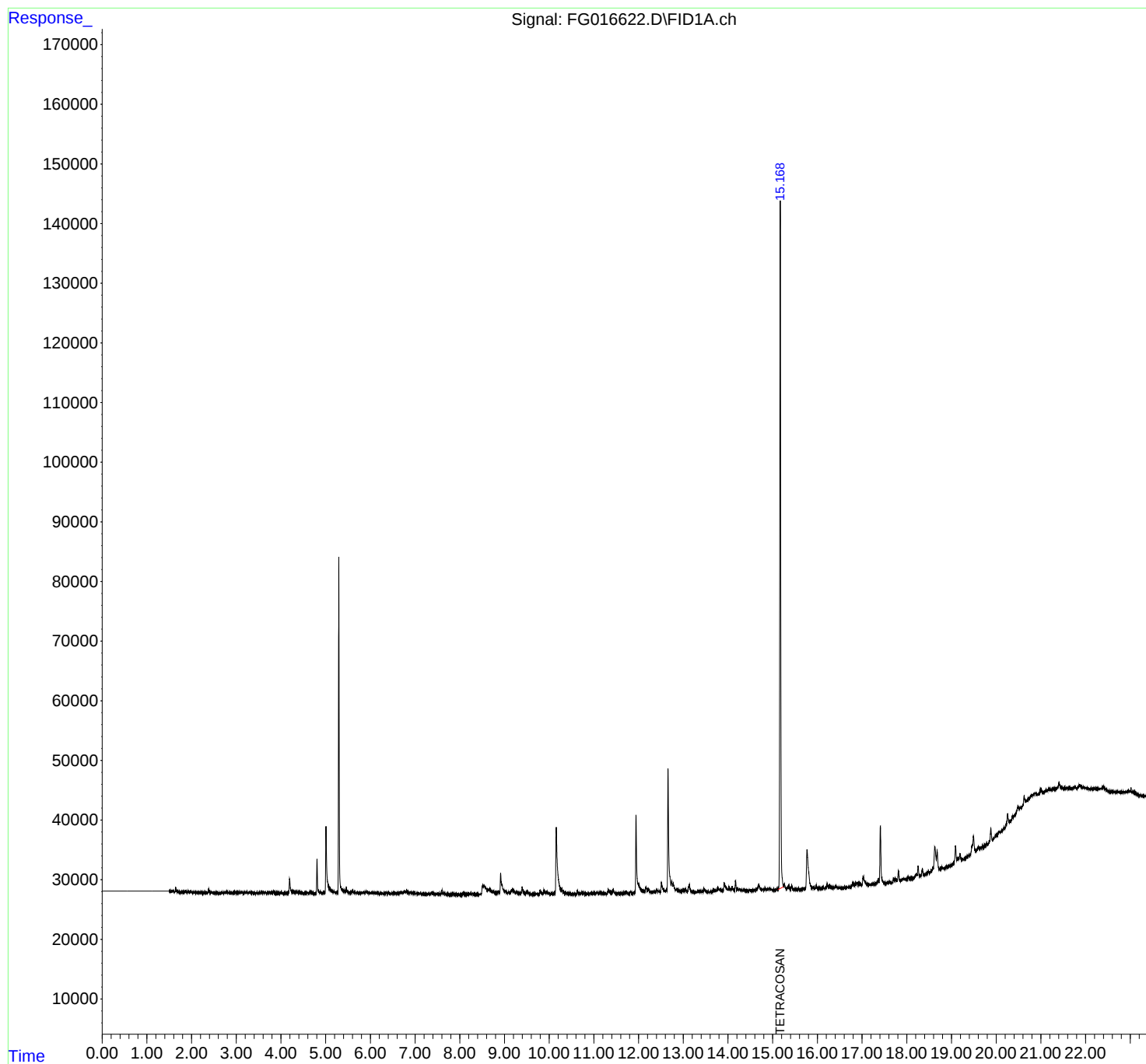
(m)=manual int.

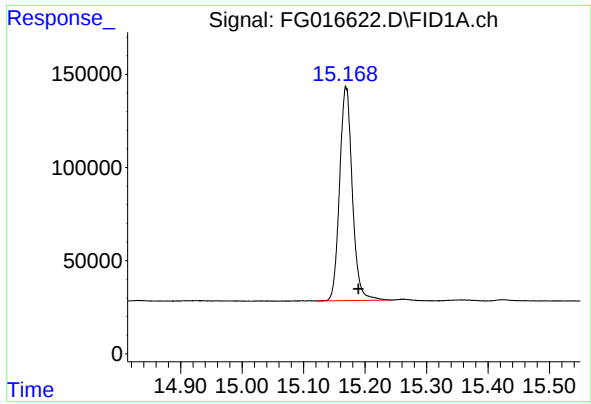
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016622.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 13:22
Operator : YP\AJ
Sample : Q3124-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
NORTH-SIDE

Integration File: autoint1.e
Quant Time: Sep 18 15:06:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.169 min
Delta R.T.: -0.020 min
Response: 1652175
Conc: 15.12 ug/ml

Instrument :
FID_G
ClientSampleId :
NORTH-SIDE

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016622.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 13:22
 Sample : Q3124-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.407	4.400	4.431	BV	126	1347	0.08%	0.022%
2	4.435	4.431	4.441	PV	78	231	0.01%	0.004%
3	4.451	4.441	4.493	VV	186	1660	0.10%	0.027%
4	4.497	4.493	4.518	VV	54	475	0.03%	0.008%
5	4.522	4.518	4.546	PV	62	767	0.05%	0.013%
6	4.549	4.546	4.560	VV	93	298	0.02%	0.005%
7	4.579	4.560	4.583	PV	132	1253	0.07%	0.021%
8	4.590	4.583	4.607	VV	140	1311	0.08%	0.022%
9	4.613	4.607	4.618	PV	134	569	0.03%	0.009%
10	4.644	4.618	4.663	VV	341	4982	0.30%	0.082%
11	4.669	4.663	4.674	VV	189	924	0.05%	0.015%
12	4.683	4.674	4.687	VV	177	1049	0.06%	0.017%
13	4.708	4.687	4.744	VV	194	4197	0.25%	0.069%
14	4.764	4.744	4.775	PV	229	2129	0.13%	0.035%
15	4.807	4.775	4.865	VV	5843	72180	4.29%	1.193%
16	4.885	4.865	4.920	VV	340	7186	0.43%	0.119%
17	4.924	4.920	4.945	VV	145	1630	0.10%	0.027%
18	4.949	4.945	4.953	VV	163	623	0.04%	0.010%
19	4.969	4.953	4.982	VV	343	3163	0.19%	0.052%
20	5.008	4.982	5.180	VV	11337	234837	13.97%	3.881%
21	5.187	5.180	5.212	VV	418	6351	0.38%	0.105%
22	5.218	5.212	5.255	VV	352	6895	0.41%	0.114%
23	5.258	5.255	5.263	VV	315	1308	0.08%	0.022%
24	5.294	5.263	5.380	VV	56519	617887	36.76%	10.211%
25	5.383	5.380	5.401	VV	660	7102	0.42%	0.117%
26	5.406	5.401	5.413	VV	581	3684	0.22%	0.061%
27	5.422	5.413	5.436	VV	513	6123	0.36%	0.101%
28	5.464	5.436	5.503	VV	1170	22827	1.36%	0.377%
29	5.509	5.503	5.523	VV	354	3801	0.23%	0.063%
30	5.529	5.523	5.556	VV	333	5305	0.32%	0.088%
31	5.562	5.556	5.568	VV	272	1746	0.10%	0.029%
32	5.572	5.568	5.578	VV	272	1619	0.10%	0.027%
33	5.592	5.578	5.616	VV	617	10412	0.62%	0.172%
34	5.618	5.616	5.625	VV	439	1960	0.12%	0.032%
35	5.632	5.625	5.677	VV	376	8947	0.53%	0.148%
36	5.683	5.677	5.700	VV	263	3221	0.19%	0.053%

					rteres.txt				
37	5.702	5.700	5.708	VV	247	995	0.06%	0.016%	
38	5.718	5.708	5.734	VV	299	4076	0.24%	0.067%	
39	5.739	5.734	5.748	VV	232	1547	0.09%	0.026%	
40	5.752	5.748	5.762	VV	253	1693	0.10%	0.028%	
41	5.767	5.762	5.774	VV	235	1526	0.09%	0.025%	
42	5.786	5.774	5.797	VV	277	3191	0.19%	0.053%	
43	5.810	5.797	5.826	VV	296	3864	0.23%	0.064%	
44	5.846	5.826	5.857	VV	337	5063	0.30%	0.084%	
45	5.861	5.857	5.875	VV	271	2491	0.15%	0.041%	
46	5.903	5.875	5.945	VV	609	13976	0.83%	0.231%	
47	5.958	5.945	5.962	VV	299	2336	0.14%	0.039%	
48	5.972	5.962	5.988	VV	309	3956	0.24%	0.065%	
49	5.991	5.988	6.000	VV	291	1499	0.09%	0.025%	
50	6.003	6.000	6.014	VV	215	1646	0.10%	0.027%	
51	6.019	6.014	6.038	VV	297	3088	0.18%	0.051%	
52	6.044	6.038	6.051	VV	257	1425	0.08%	0.024%	
53	6.062	6.051	6.074	VV	266	3145	0.19%	0.052%	
54	6.081	6.074	6.095	VV	257	2935	0.17%	0.049%	
55	6.105	6.095	6.124	VV	281	3727	0.22%	0.062%	
56	6.129	6.124	6.143	VV	274	2339	0.14%	0.039%	
57	6.150	6.143	6.160	VV	275	2100	0.12%	0.035%	
58	6.167	6.160	6.175	VV	296	1832	0.11%	0.030%	
59	6.178	6.175	6.197	VV	236	2140	0.13%	0.035%	
60	6.201	6.197	6.212	VV	206	1406	0.08%	0.023%	
61	6.214	6.212	6.231	VV	157	1764	0.10%	0.029%	
62	6.235	6.231	6.239	VV	176	780	0.05%	0.013%	
63	6.262	6.239	6.273	VV	220	3229	0.19%	0.053%	
64	6.285	6.273	6.297	VV	211	2216	0.13%	0.037%	
65	6.306	6.297	6.318	VV	202	1831	0.11%	0.030%	
66	6.336	6.318	6.341	VV	201	2190	0.13%	0.036%	
67	6.360	6.341	6.365	VV	321	3220	0.19%	0.053%	
68	6.370	6.365	6.382	VV	221	1796	0.11%	0.030%	
69	6.397	6.382	6.408	VV	241	3255	0.19%	0.054%	
70	6.411	6.408	6.461	VV	261	5778	0.34%	0.095%	
71	6.469	6.461	6.476	VV	252	1784	0.11%	0.029%	
72	6.484	6.476	6.489	VV	245	1548	0.09%	0.026%	
73	6.513	6.489	6.523	VV	300	4619	0.27%	0.076%	
74	6.537	6.523	6.547	VV	446	4781	0.28%	0.079%	
75	6.553	6.547	6.558	VV	288	1562	0.09%	0.026%	
76	6.562	6.558	6.582	VV	248	2860	0.17%	0.047%	
77	6.595	6.582	6.606	VV	282	3197	0.19%	0.053%	
78	6.612	6.606	6.642	VV	313	5059	0.30%	0.084%	
79	6.670	6.642	6.709	VV	367	11710	0.70%	0.194%	
80	6.715	6.709	6.731	VV	321	3487	0.21%	0.058%	
81	6.753	6.731	6.792	VV	585	15479	0.92%	0.256%	
82	6.810	6.792	6.826	VV	700	10950	0.65%	0.181%	
83	6.829	6.826	6.865	VV	493	8496	0.51%	0.140%	
84	6.871	6.865	6.896	VV	376	5127	0.31%	0.085%	
85	6.907	6.896	6.916	VV	386	3566	0.21%	0.059%	
86	6.920	6.916	6.967	VV	322	7875	0.47%	0.130%	
87	6.977	6.967	7.012	VV	305	6040	0.36%	0.100%	
88	7.018	7.012	7.029	VV	222	1929	0.11%	0.032%	
89	7.047	7.029	7.069	VV	252	4603	0.27%	0.076%	

					rteres.txt			
90	7.085	7.069	7.129	VV	366	7562	0.45%	0.125%
91	7.133	7.129	7.140	VV	157	1012	0.06%	0.017%
92	7.146	7.140	7.162	VV	197	1716	0.10%	0.028%
93	7.176	7.162	7.188	VV	220	2121	0.13%	0.035%
94	7.204	7.188	7.210	VV	179	1575	0.09%	0.026%
95	7.219	7.210	7.232	VV	146	1174	0.07%	0.019%
96	7.257	7.232	7.275	VV	166	2849	0.17%	0.047%
97	7.288	7.275	7.301	VV	160	1648	0.10%	0.027%
98	7.304	7.301	7.311	VV	120	626	0.04%	0.010%
99	7.314	7.311	7.319	VV	175	644	0.04%	0.011%
100	7.335	7.319	7.347	VV	189	2421	0.14%	0.040%
101	7.349	7.347	7.380	VV	197	3569	0.21%	0.059%
102	7.389	7.380	7.395	VV	249	1951	0.12%	0.032%
103	7.411	7.395	7.426	VV	296	4290	0.26%	0.071%
104	7.430	7.426	7.440	VV	228	1587	0.09%	0.026%
105	7.445	7.440	7.454	VV	212	1418	0.08%	0.023%
106	7.458	7.454	7.466	VV	267	1418	0.08%	0.023%
107	7.470	7.466	7.478	VV	226	1450	0.09%	0.024%
108	7.501	7.478	7.524	VV	263	4937	0.29%	0.082%
109	7.528	7.524	7.536	VV	220	1347	0.08%	0.022%
110	7.551	7.536	7.576	VV	222	3791	0.23%	0.063%
111	7.602	7.576	7.635	VV	813	12236	0.73%	0.202%
112	7.647	7.635	7.687	VV	340	6589	0.39%	0.109%
113	7.694	7.687	7.708	VV	161	1535	0.09%	0.025%
114	7.712	7.708	7.715	VV	170	606	0.04%	0.010%
115	7.721	7.715	7.729	VV	178	1191	0.07%	0.020%
116	7.734	7.729	7.780	VV	164	3097	0.18%	0.051%
117	7.808	7.780	7.828	VV	146	2726	0.16%	0.045%
118	7.846	7.828	7.875	VV	213	3420	0.20%	0.057%
119	7.878	7.875	7.891	VV	133	957	0.06%	0.016%
120	7.906	7.891	7.919	VV	132	1371	0.08%	0.023%
121	7.923	7.919	7.935	VV	108	639	0.04%	0.011%
122	7.942	7.935	8.013	VV	111	3044	0.18%	0.050%
123	8.022	8.013	8.046	PV	90	1120	0.07%	0.019%
124	8.088	8.046	8.115	VV	229	6536	0.39%	0.108%
125	8.125	8.115	8.157	VV	160	2761	0.16%	0.046%
126	8.172	8.157	8.194	VV	282	3552	0.21%	0.059%
127	8.237	8.194	8.266	VV	289	8740	0.52%	0.144%
128	8.291	8.266	8.374	VV	220	8570	0.51%	0.142%
129	8.391	8.374	8.427	VV	173	3842	0.23%	0.063%
130	8.436	8.427	8.474	VV	162	2805	0.17%	0.046%
131	8.522	8.474	8.644	VV	1599	110923	6.60%	1.833%
132	8.665	8.644	8.835	VV	996	66578	3.96%	1.100%
133	8.859	8.835	8.890	VV	711	13766	0.82%	0.227%
134	8.915	8.890	8.940	VV	3645	58446	3.48%	0.966%
135	8.945	8.940	9.022	VV	1771	47157	2.81%	0.779%
136	9.031	9.022	9.069	VV	659	13789	0.82%	0.228%
137	9.102	9.069	9.124	VV	429	12274	0.73%	0.203%
138	9.175	9.124	9.250	VV	918	42566	2.53%	0.703%
139	9.260	9.250	9.283	VV	444	7170	0.43%	0.118%
140	9.298	9.283	9.334	VV	416	9527	0.57%	0.157%
141	9.396	9.334	9.479	VV	1355	39080	2.33%	0.646%

rteres.txt									
142	9.498	9.479	9.615	VV	658	19277	1.15%	0.319%	
143	9.633	9.615	9.664	VV	194	3031	0.18%	0.050%	
144	9.685	9.664	9.695	VV	233	3066	0.18%	0.051%	
145	9.711	9.695	9.760	VV	225	5013	0.30%	0.083%	
146	9.797	9.760	9.819	VV	814	11893	0.71%	0.197%	
147	9.833	9.819	9.855	VV	347	4907	0.29%	0.081%	
148	9.884	9.855	9.927	VV	785	17423	1.04%	0.288%	
149	9.946	9.927	10.028	VV	619	17105	1.02%	0.283%	
150	10.065	10.028	10.089	VV	217	4333	0.26%	0.072%	
151	10.116	10.089	10.131	VV	423	5751	0.34%	0.095%	
152	10.159	10.131	10.274	VV	11249	297092	17.68%	4.910%	
153	10.283	10.274	10.380	VV	860	29246	1.74%	0.483%	
154	10.391	10.380	10.428	VV	355	6705	0.40%	0.111%	
155	10.453	10.428	10.497	VV	257	7347	0.44%	0.121%	
156	10.504	10.497	10.528	VV	161	2285	0.14%	0.038%	
157	10.555	10.528	10.589	VV	157	3047	0.18%	0.050%	
158	10.631	10.589	10.663	PV	780	12536	0.75%	0.207%	
159	10.672	10.663	10.720	VV	248	6207	0.37%	0.103%	
160	10.735	10.720	10.749	VV	275	3936	0.23%	0.065%	
161	10.751	10.749	10.800	VV	254	5658	0.34%	0.094%	
162	10.810	10.800	10.828	VV	180	2262	0.13%	0.037%	
163	10.844	10.828	10.890	VV	219	3049	0.18%	0.050%	
164	10.920	10.890	10.937	VV	233	4258	0.25%	0.070%	
165	10.952	10.937	10.970	VV	271	3612	0.21%	0.060%	
166	10.989	10.970	11.003	VV	286	4514	0.27%	0.075%	
167	11.030	11.003	11.054	VV	331	7443	0.44%	0.123%	
168	11.072	11.054	11.113	VV	276	6914	0.41%	0.114%	
169	11.130	11.113	11.152	VV	301	5256	0.31%	0.087%	
170	11.170	11.152	11.209	VV	262	7089	0.42%	0.117%	
171	11.218	11.209	11.286	VV	258	7011	0.42%	0.116%	
172	11.322	11.286	11.359	VV	749	18839	1.12%	0.311%	
173	11.369	11.359	11.399	VV	432	8163	0.49%	0.135%	
174	11.431	11.399	11.515	VV	826	24055	1.43%	0.398%	
175	11.556	11.515	11.587	VV	184	4745	0.28%	0.078%	
176	11.600	11.587	11.612	PV	165	1484	0.09%	0.025%	
177	11.618	11.612	11.635	VV	103	976	0.06%	0.016%	
178	11.667	11.635	11.687	PV	287	4991	0.30%	0.082%	
179	11.709	11.687	11.720	VV	264	4380	0.26%	0.072%	
180	11.735	11.720	11.768	VV	290	5347	0.32%	0.088%	
181	11.779	11.768	11.789	VV	128	1209	0.07%	0.020%	
182	11.818	11.789	11.852	VV	394	8528	0.51%	0.141%	
183	11.870	11.852	11.876	VV	191	2214	0.13%	0.037%	
184	11.896	11.876	11.915	VV	319	4767	0.28%	0.079%	
185	11.943	11.915	12.110	VV	13111	259154	15.42%	4.283%	
186	12.125	12.110	12.140	VV	497	7612	0.45%	0.126%	
187	12.163	12.140	12.209	VV	1049	28716	1.71%	0.475%	
188	12.224	12.209	12.247	VV	907	13189	0.78%	0.218%	
189	12.288	12.247	12.327	VV	349	13100	0.78%	0.216%	
190	12.348	12.327	12.379	VV	376	7793	0.46%	0.129%	
191	12.409	12.379	12.427	VV	614	12847	0.76%	0.212%	
192	12.439	12.427	12.481	VV	439	10945	0.65%	0.181%	
193	12.512	12.481	12.600	VV	1770	54924	3.27%	0.908%	
194	12.623	12.600	12.637	VV	652	10299	0.61%	0.170%	

rteres.txt								
195	12.660	12.637	12.727	VV	20618	350767	20.87%	5.797%
196	12.742	12.727	12.760	VV	2090	33756	2.01%	0.558%
197	12.775	12.760	12.829	VV	1624	43296	2.58%	0.716%
198	12.837	12.829	12.897	VV	633	22048	1.31%	0.364%
199	12.906	12.897	12.927	VV	466	7159	0.43%	0.118%
200	12.938	12.927	12.964	VV	401	7123	0.42%	0.118%
201	12.989	12.964	13.030	VV	632	17023	1.01%	0.281%
202	13.053	13.030	13.095	VV	704	14948	0.89%	0.247%
203	13.135	13.095	13.164	VV	1368	33265	1.98%	0.550%
204	13.173	13.164	13.219	VV	437	7699	0.46%	0.127%
205	13.221	13.219	13.257	VV	184	2366	0.14%	0.039%
206	13.265	13.257	13.296	VV	174	1799	0.11%	0.030%
207	13.326	13.296	13.350	PV	234	4362	0.26%	0.072%
208	13.367	13.350	13.439	VV	234	9653	0.57%	0.160%
209	13.473	13.439	13.534	VV	644	18521	1.10%	0.306%
210	13.553	13.534	13.579	VV	152	2555	0.15%	0.042%
211	13.619	13.579	13.647	VV	169	3746	0.22%	0.062%
212	13.672	13.647	13.704	PV	427	8466	0.50%	0.140%
213	13.762	13.704	13.855	VV	596	35284	2.10%	0.583%
214	13.916	13.855	14.000	VV	1551	57343	3.41%	0.948%
215	14.021	14.000	14.049	VV	896	16730	1.00%	0.276%
216	14.060	14.049	14.072	VV	371	4973	0.30%	0.082%
217	14.092	14.072	14.147	VV	857	20243	1.20%	0.335%
218	14.170	14.147	14.199	VV	1877	28809	1.71%	0.476%
219	14.212	14.199	14.239	VV	457	8792	0.52%	0.145%
220	14.259	14.239	14.287	VV	472	9941	0.59%	0.164%
221	14.299	14.287	14.345	VV	236	6805	0.40%	0.112%
222	14.388	14.345	14.440	VV	305	9150	0.54%	0.151%
223	14.494	14.440	14.547	VV	179	7423	0.44%	0.123%
224	14.572	14.547	14.609	VV	206	4591	0.27%	0.076%
225	14.628	14.609	14.650	VV	478	7548	0.45%	0.125%
226	14.690	14.650	14.764	VV	1145	33418	1.99%	0.552%
227	14.780	14.764	14.809	VV	230	3960	0.24%	0.065%
228	14.832	14.809	14.865	VV	455	9184	0.55%	0.152%
229	14.926	14.865	14.949	VV	371	12027	0.72%	0.199%
230	14.958	14.949	15.015	VV	265	6217	0.37%	0.103%
231	15.026	15.015	15.052	VV	180	2636	0.16%	0.044%
232	15.096	15.052	15.120	VV	241	6555	0.39%	0.108%
233	15.169	15.120	15.243	VV	115234	1680649	100.00%	27.774%
234	15.262	15.243	15.319	VV	1069	24085	1.43%	0.398%
235	15.356	15.319	15.395	VV	611	18998	1.13%	0.314%
236	15.424	15.395	15.504	VV	732	17516	1.04%	0.289%
237	15.517	15.504	15.553	VV	143	2132	0.13%	0.035%
238	15.572	15.553	15.620	PV	245	4347	0.26%	0.072%
239	15.625	15.620	15.649	VV	139	753	0.04%	0.012%
240	15.683	15.649	15.729	PV	161	3826	0.23%	0.063%
241	15.769	15.729	15.878	VV	6673	210841	12.55%	3.484%
242	15.897	15.878	15.940	VV	384	9314	0.55%	0.154%
243	15.974	15.940	16.010	VV	698	10866	0.65%	0.180%
244	16.039	16.010	16.079	VV	279	5544	0.33%	0.092%
245	16.093	16.079	16.112	VV	190	2449	0.15%	0.040%
246	16.132	16.112	16.165	VV	260	5158	0.31%	0.085%

					rteres.txt				
247	16.222	16.165	16.245	VV	851	16686	0.99%	0.276%	
248	16.265	16.245	16.350	VV	614	16455	0.98%	0.272%	
249	16.365	16.350	16.386	VV	169	2579	0.15%	0.043%	
250	16.407	16.386	16.416	VV	339	4164	0.25%	0.069%	
251	16.426	16.416	16.450	VV	319	4347	0.26%	0.072%	
252	16.473	16.450	16.520	VV	252	4692	0.28%	0.078%	
253	16.544	16.520	16.563	VV	131	2050	0.12%	0.034%	
254	16.575	16.563	16.583	VV	110	830	0.05%	0.014%	
255	16.591	16.583	16.602	PV	123	735	0.04%	0.012%	
256	16.619	16.602	16.645	VV	134	2085	0.12%	0.034%	
257	16.702	16.645	16.729	PV	139	3529	0.21%	0.058%	
258	16.794	16.729	16.837	PV	682	18995	1.13%	0.314%	
259	16.855	16.837	16.875	VV	564	10945	0.65%	0.181%	
260	16.888	16.875	16.912	VV	734	11323	0.67%	0.187%	
261	16.933	16.912	16.953	VV	781	11780	0.70%	0.195%	
262	16.967	16.953	16.994	VV	355	6834	0.41%	0.113%	
263	17.029	16.994	17.114	VV	1434	46744	2.78%	0.772%	
264	17.131	17.114	17.156	VV	163	3003	0.18%	0.050%	
265	17.183	17.156	17.200	VV	96	1651	0.10%	0.027%	
266	17.239	17.200	17.290	PV	139	3678	0.22%	0.061%	
267	17.328	17.290	17.336	VV	292	3850	0.23%	0.064%	
268	17.361	17.336	17.380	VV	901	13224	0.79%	0.219%	
269	17.410	17.380	17.500	VBA	9683	160292	9.54%	2.649%	
				Sum of corrected areas:		6051115			

FG090525.M Thu Sep 18 15:16:03 2025



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: ATGG02

ProjectID: ARR-2025-0043

Lab Code: ACE

SDG No.: Q3124

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

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: ATGG02

ProjectID: ARR-2025-0043

Lab Code: ACE

SDG No.: Q3124

Calibration Sequence : FG090525		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	113844337	113844	FG016555.D
500	59456306	118913	FG016556.D
200	25421963	127110	FG016557.D
100	12920061	129201	FG016558.D
50	6583572	131671	FG016559.D
AVG RF : 124148		% RSD : 6.034	AVG RT : 15.1874

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ATGG02
ProjectID: ARR-2025-0043
Lab Code: ACE SDG No.: Q3124
DataFile: FF016391.D Analyst Name: YP\AJ Analyst Date: 09-18-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	63545215	127090	141908	10.442

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
 Data File : FF016391.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2025 08:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 18 14:31:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.069	5845379	45.142 ug/ml
Target Compounds			
2) N-DECANE	4.587	5959979	44.759 ug/ml
3) N-DODECANE	6.766	6102984	44.893 ug/ml
4) N-TETRADECANE	8.599	6187546	44.380 ug/ml
5) N-HEXADECANE	10.208	6303186	44.370 ug/ml
6) N-OCTADECANE	11.654	6522114	44.365 ug/ml
7) N-EICOSANE	12.967	6632236	44.459 ug/ml
8) N-DOCOSANE	14.168	6531742	44.922 ug/ml
10) N-TETRACOSANE	15.274	6547997	45.185 ug/ml
11) N-HEXACOSANE	16.298	6477481	45.334 ug/ml
12) N-OCTACOSANE	17.248	6279950	45.145 ug/ml

(f)=RT Delta > 1/2 Window

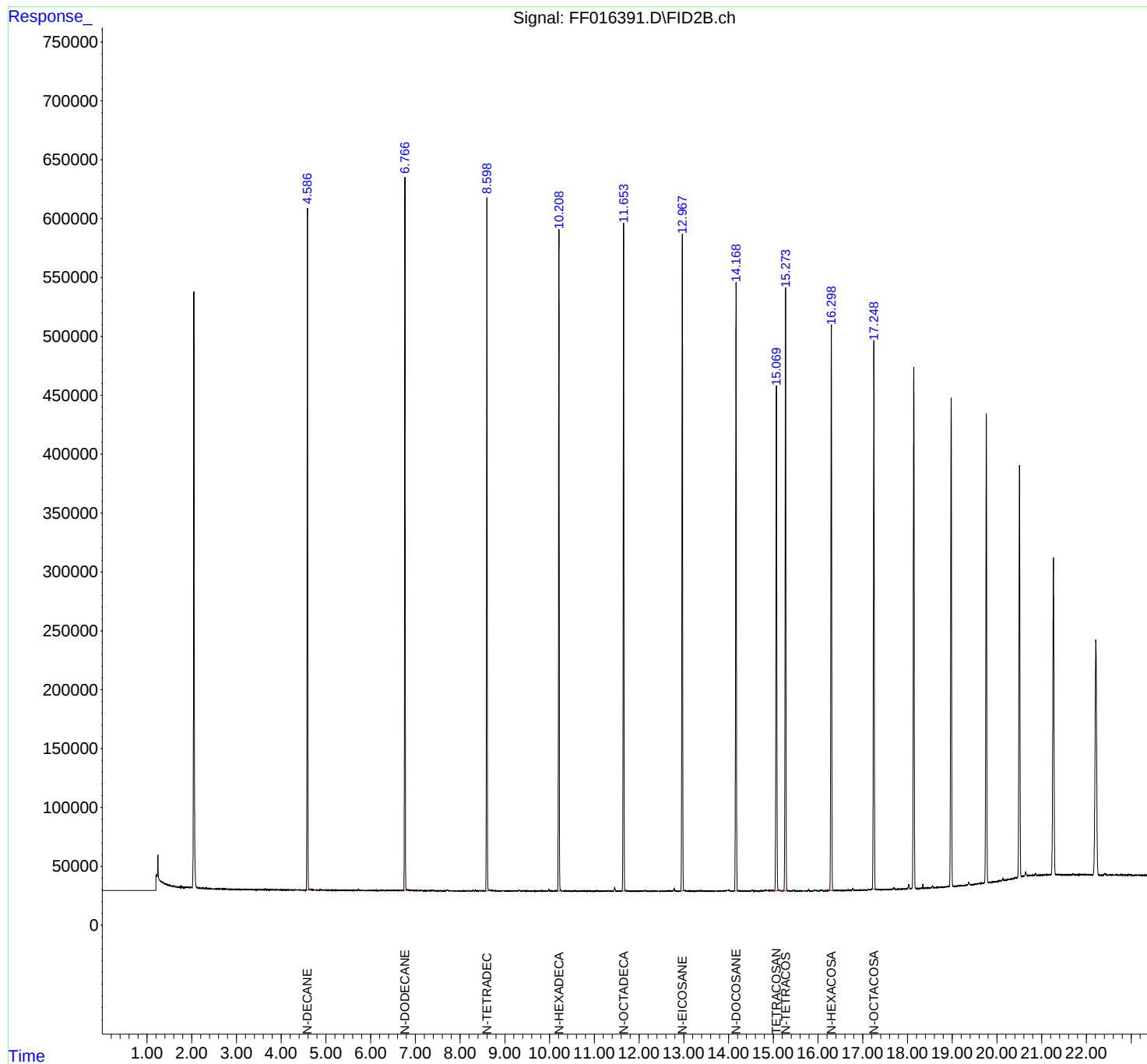
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016391.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 08:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Sep 18 14:31:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016391.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 08:24
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.587	4.549	4.669	BB	578438	5959979	89.86%	7.884%
2	6.766	6.726	6.832	BB	605597	6102984	92.02%	8.073%
3	8.599	8.564	8.672	BB	588733	6187546	93.30%	8.185%
4	10.208	10.167	10.267	BB	562711	6303186	95.04%	8.338%
5	11.654	11.612	11.717	BB	566545	6522114	98.34%	8.627%
6	12.967	12.927	13.004	BB	558938	6632236	100.00%	8.773%
7	14.168	14.127	14.229	BB	514873	6531742	98.48%	8.640%
8	15.069	14.976	15.141	BV	429198	5845379	88.14%	7.732%
9	15.274	15.201	15.336	BB	512084	6547997	98.73%	8.662%
10	16.298	16.229	16.356	BB	478863	6477481	97.67%	8.568%
11	17.248	17.201	17.317	BB	465269	6279950	94.69%	8.307%
12	18.141	18.071	18.204	BB	441965	6207414	93.59%	8.211%
Sum of corrected areas:							75598007	

FF090525.M Thu Sep 18 14:38:14 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ATGG02
ProjectID: ARR-2025-0043
Lab Code: ACE SDG No.: Q3124
DataFile: FF016398.D Analyst Name: YP\AJ Analyst Date: 09-18-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	65350353	130701	141908	7.897

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016398.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 14:50
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.588	4.554	4.666	BB	603317	6187165	90.36%	8.678%
2	6.767	6.731	6.836	BB	633904	6345660	92.68%	8.900%
3	8.600	8.564	8.677	BB	613930	6432686	93.95%	9.022%
4	10.209	10.164	10.277	BB	601008	6551058	95.67%	9.188%
5	11.655	11.609	11.707	BB	584785	6754172	98.64%	9.473%
6	12.968	12.926	13.039	BB	577196	6847210	100.00%	9.603%
7	14.169	14.096	14.229	BB	544580	6692754	97.74%	9.387%
8	15.070	15.027	15.141	BV	423180	5949307	86.89%	8.344%
9	15.274	15.141	15.329	PB	513994	6662188	97.30%	9.344%
10	16.298	16.216	16.346	BB	483144	6549010	95.64%	9.185%
11	17.252	17.201	17.312	BB	463735	6328450	92.42%	8.876%
Sum of corrected areas:						71299660		

FF090525.M Fri Sep 19 04:25:52 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ATGG02
ProjectID: ARR-2025-0043
Lab Code: ACE SDG No.: Q3124
DataFile: FF016402.D Analyst Name: YP\AJ Analyst Date: 09-18-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	62626259	125253	141908	11.736

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016402.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 17:19
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.588	4.530	4.657	BB	576039	5885675	89.87%	8.611%
2	6.767	6.732	6.834	BB	587409	6034973	92.15%	8.829%
3	8.600	8.565	8.664	BB	583318	6115205	93.38%	8.946%
4	10.209	10.169	10.269	BB	560510	6237451	95.24%	9.125%
5	11.655	11.610	11.709	BB	556690	6443990	98.40%	9.427%
6	12.968	12.927	13.032	BB	553717	6549071	100.00%	9.581%
7	14.168	14.129	14.230	BB	521032	6425920	98.12%	9.401%
8	15.071	15.004	15.140	BB	413366	5728191	87.47%	8.380%
9	15.275	15.199	15.339	BB	500564	6437459	98.30%	9.418%
10	16.300	16.244	16.357	BB	484278	6342864	96.85%	9.279%
11	17.251	17.200	17.309	BB	451450	6153651	93.96%	9.003%
Sum of corrected areas:						68354449		

FF090525.M Fri Sep 19 04:26:35 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ATGG02
ProjectID: ARR-2025-0043
Lab Code: ACE SDG No.: Q3124
DataFile: FG016614.D Analyst Name: YP\AJ Analyst Date: 09-18-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	60690131	121380	124148	2.23

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016614.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 08:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 18 15:05:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.172	5307658	48.574 ug/ml
Target Compounds			
2) N-DECANE	4.642	6072704	49.826 ug/ml
3) N-DODECANE	6.826	6158579	50.021 ug/ml
4) N-TETRADECANE	8.667	6170739	49.665 ug/ml
5) N-HEXADECANE	10.286	6182947	49.297 ug/ml
6) N-OCTADECANE	11.739	6275159	48.824 ug/ml
7) N-EICOSANE	13.059	6267382	48.575 ug/ml
8) N-DOCOSANE	14.267	6056094	48.489 ug/ml
10) N-TETRACOSANE	15.378	5977167	48.295 ug/ml
11) N-HEXACOSANE	16.407	5842151	48.180 ug/ml
12) N-OCTACOSANE	17.363	5687209	47.598 ug/ml

(f)=RT Delta > 1/2 Window

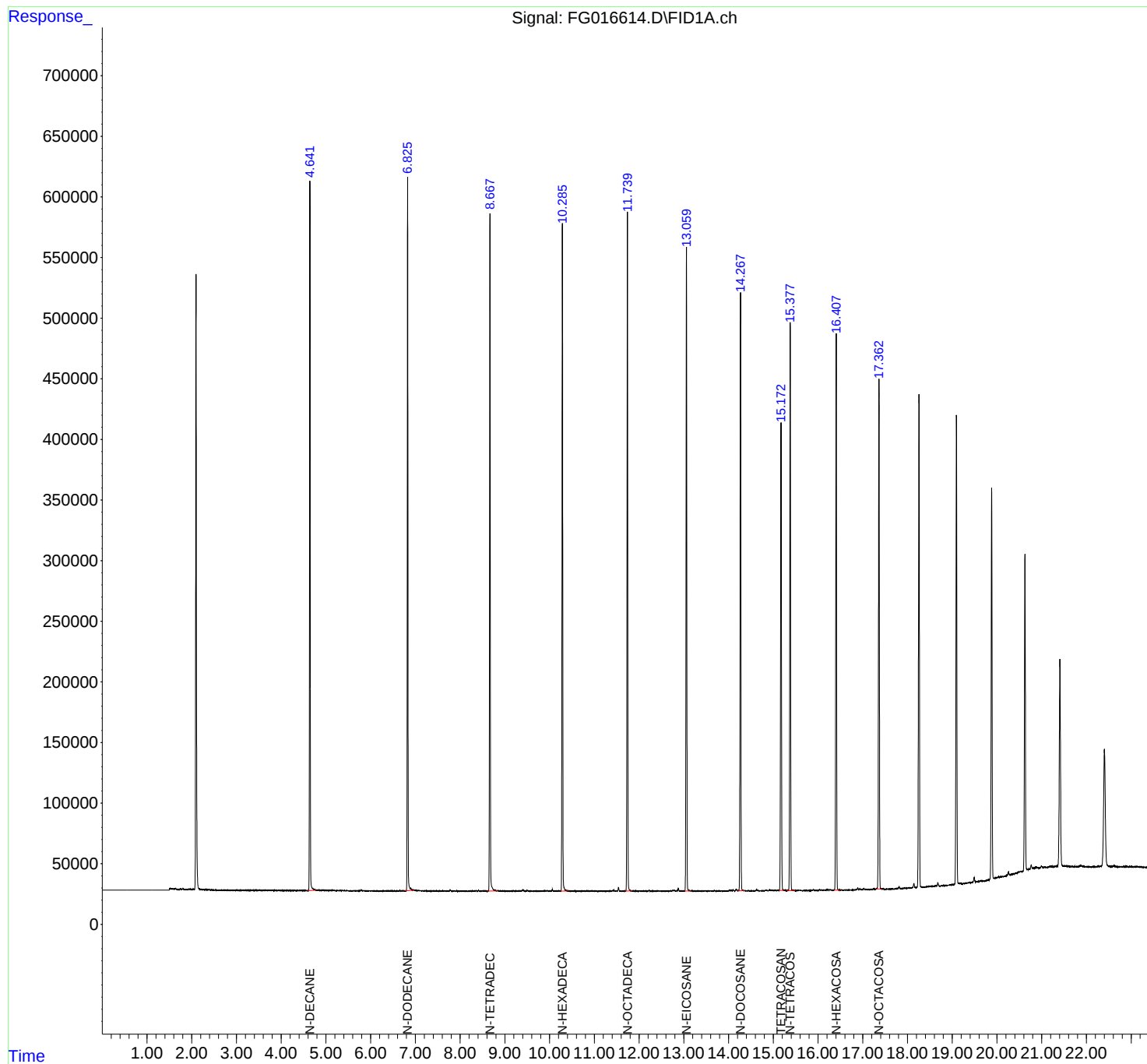
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016614.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 08:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Sep 18 15:05:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016614.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 08:24
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.642	4.592	4.786	BB	584365	6072704	96.77%	8.478%
2	6.826	6.764	6.964	BV	589643	6158579	98.14%	8.597%
3	8.667	8.602	8.832	BB	560740	6170739	98.34%	8.614%
4	10.286	10.239	10.419	BB	550934	6182947	98.53%	8.631%
5	11.739	11.679	11.841	BB	557519	6275159	100.00%	8.760%
6	13.059	13.011	13.151	BB	529856	6267382	99.88%	8.749%
7	14.267	14.197	14.354	VB	493933	6056094	96.51%	8.454%
8	15.172	15.127	15.244	BV	385581	5307658	84.58%	7.410%
9	15.378	15.287	15.489	BB	468683	5977167	95.25%	8.344%
10	16.407	16.351	16.486	BB	457041	5842151	93.10%	8.156%
11	17.363	17.301	17.427	BV	418953	5687209	90.63%	7.939%
12	18.256	18.181	18.329	BB	405826	5634700	89.79%	7.866%
Sum of corrected areas:							71632489	

FG090525.M Thu Sep 18 15:13:53 2025

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ATGG02
ProjectID: ARR-2025-0043
Lab Code: ACE SDG No.: Q3124
DataFile: FG016624.D Analyst Name: YP\AJ Analyst Date: 09-18-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	57688481	115377	124148	7.065

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016624.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 14:21
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 19 01:51:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.172	5042887	46.151 ug/ml
Target Compounds			
2) N-DECANE	4.642	5767927	47.326 ug/ml
3) N-DODECANE	6.826	5842022	47.450 ug/ml
4) N-TETRADECANE	8.666	5861316	47.174 ug/ml
5) N-HEXADECANE	10.285	5872195	46.820 ug/ml
6) N-OCTADECANE	11.739	5959831	46.371 ug/ml
7) N-EICOSANE	13.059	5948260	46.102 ug/ml
8) N-DOCOSANE	14.267	5749546	46.035 ug/ml
10) N-TETRACOSANE	15.378	5678055	45.879 ug/ml
11) N-HEXACOSANE	16.406	5571035	45.944 ug/ml
12) N-OCTACOSANE	17.362	5438294	45.515 ug/ml

(f)=RT Delta > 1/2 Window

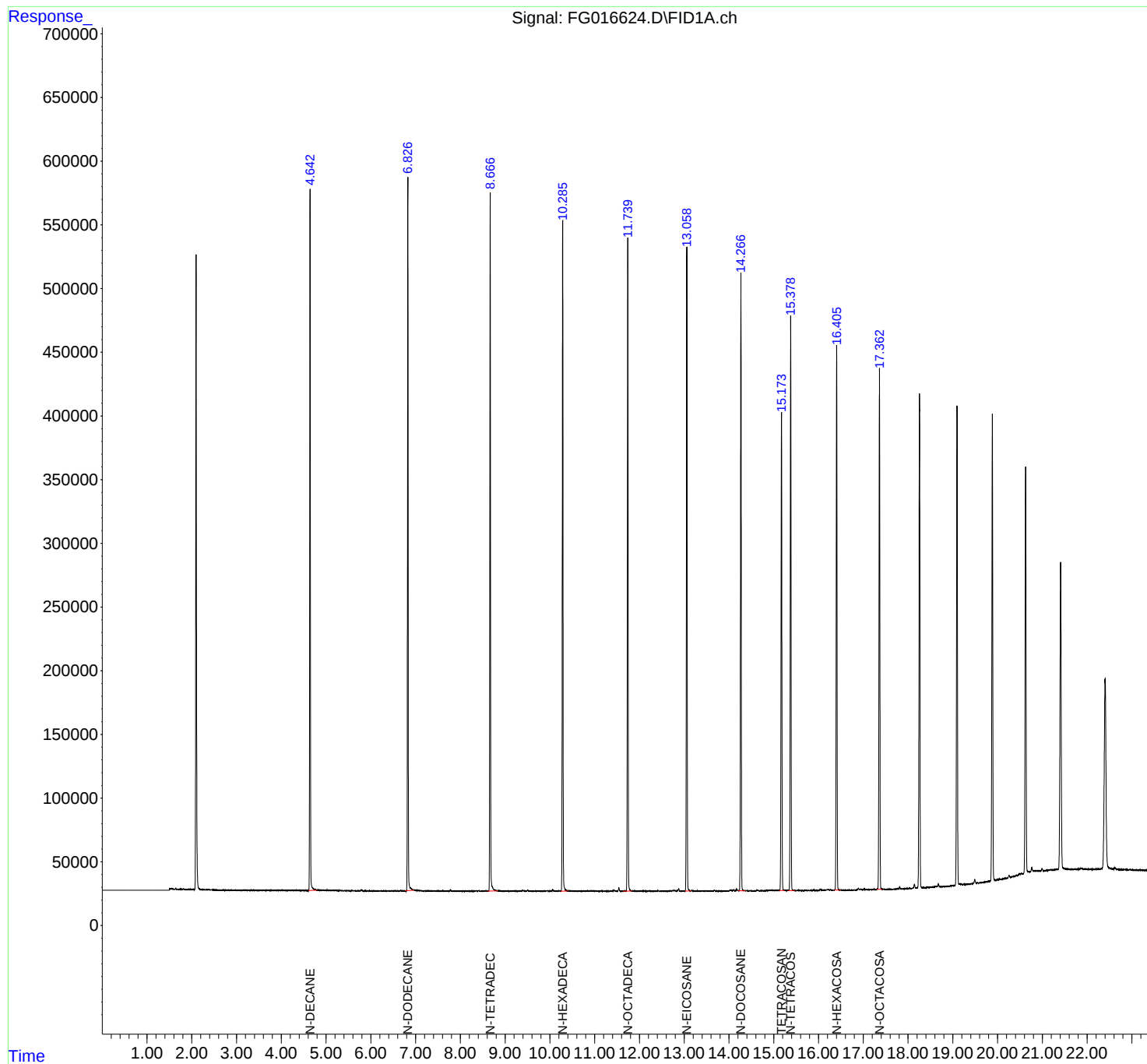
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016624.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 14:21
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Sep 19 01:51:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016624.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 14:21
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.642	4.607	4.797	BB	550227	5767927	96.78%	9.195%
2	6.826	6.769	6.964	BV	559086	5842022	98.02%	9.313%
3	8.666	8.607	8.836	BB	547940	5861316	98.35%	9.344%
4	10.285	10.239	10.416	BB	527419	5872195	98.53%	9.361%
5	11.739	11.632	11.842	BB	512728	5959831	100.00%	9.501%
6	13.059	13.016	13.157	BV	506392	5948260	99.81%	9.482%
7	14.267	14.202	14.369	VB	481137	5749546	96.47%	9.165%
8	15.172	15.124	15.244	VV	374044	5042887	84.61%	8.039%
9	15.378	15.314	15.469	BB	446682	5678055	95.27%	9.051%
10	16.406	16.351	16.486	BB	427111	5571035	93.48%	8.881%
11	17.362	17.301	17.429	BV	409280	5438294	91.25%	8.669%
Sum of corrected areas:						62731367		

FG090525.M Fri Sep 19 02:34:29 2025

Analytical Sequence

Client: ATG-GREENVILLE ARR

SDG No.: Q3124

Project: ARR-2025-0043

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 15.071					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	18 Sep 2025 07:55	FF016390.D	15.064	
50 PPM TRPH STD	50 PPM TRPH STD	18 Sep 2025 08:24	FF016391.D	15.069	
PB169737BL	PB169737BL	18 Sep 2025 11:53	FF016393.D	15.065	
PB169737BS	PB169737BS	18 Sep 2025 12:52	FF016394.D	15.066	
WEST-SIDE	Q3124-01	18 Sep 2025 13:22	FF016395.D	15.128	
NORTH-SIDE	Q3124-03	18 Sep 2025 13:51	FF016396.D	15.118	
PIBLK02	LBLK02	18 Sep 2025 14:21	FF016397.D	15.066	
50 PPM TRPH STD	50 PPM TRPH STD	18 Sep 2025 14:50	FF016398.D	15.070	
NORTH-SIDEMS	Q3124-03MS	18 Sep 2025 15:20	FF016399.D	15.067	
NORTH-SIDEMSD	Q3124-03MSD	18 Sep 2025 15:50	FF016400.D	15.068	
PIBLK03	LBLK03	18 Sep 2025 16:49	FF016401.D	15.067	
50 PPM TRPH STD	50 PPM TRPH STD	18 Sep 2025 17:19	FF016402.D	15.071	
PIBLK04	LBLK04	18 Sep 2025 07:55	FG016613.D	15.174	
50 PPM TRPH STD	50 PPM TRPH STD	18 Sep 2025 08:24	FG016614.D	15.172	
PB169733BL	PB169733BL	18 Sep 2025 09:23	FG016616.D	15.171	
PB169733BS	PB169733BS	18 Sep 2025 09:52	FG016617.D	15.169	
PB169733BSD	PB169733BSD	18 Sep 2025 10:54	FG016618.D	15.170	
WEST-SIDE	Q3124-02	18 Sep 2025 12:52	FG016621.D	15.109	
NORTH-SIDE	Q3124-04	18 Sep 2025 13:22	FG016622.D	15.169	
PIBLK05	LBLK05	18 Sep 2025 13:51	FG016623.D	15.170	
50 PPM TRPH STD	50 PPM TRPH STD	18 Sep 2025 14:21	FG016624.D	15.172	



QC SAMPLE DATA

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:		
Project:	ARR-2025-0043		Date Received:		
Client Sample ID:	PB169733BL		SDG No.:	Q3124	
Lab Sample ID:	PB169733BL		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016616.D	1	09/17/25 12:20	09/18/25 9:23	PB169733

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	14.4		29 - 130	72%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016616.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 09:23
Operator : YP\AJ
Sample : PB169733BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169733BL

Integration File: autoint1.e
Quant Time: Sep 19 01:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.171	1578233	14.443 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

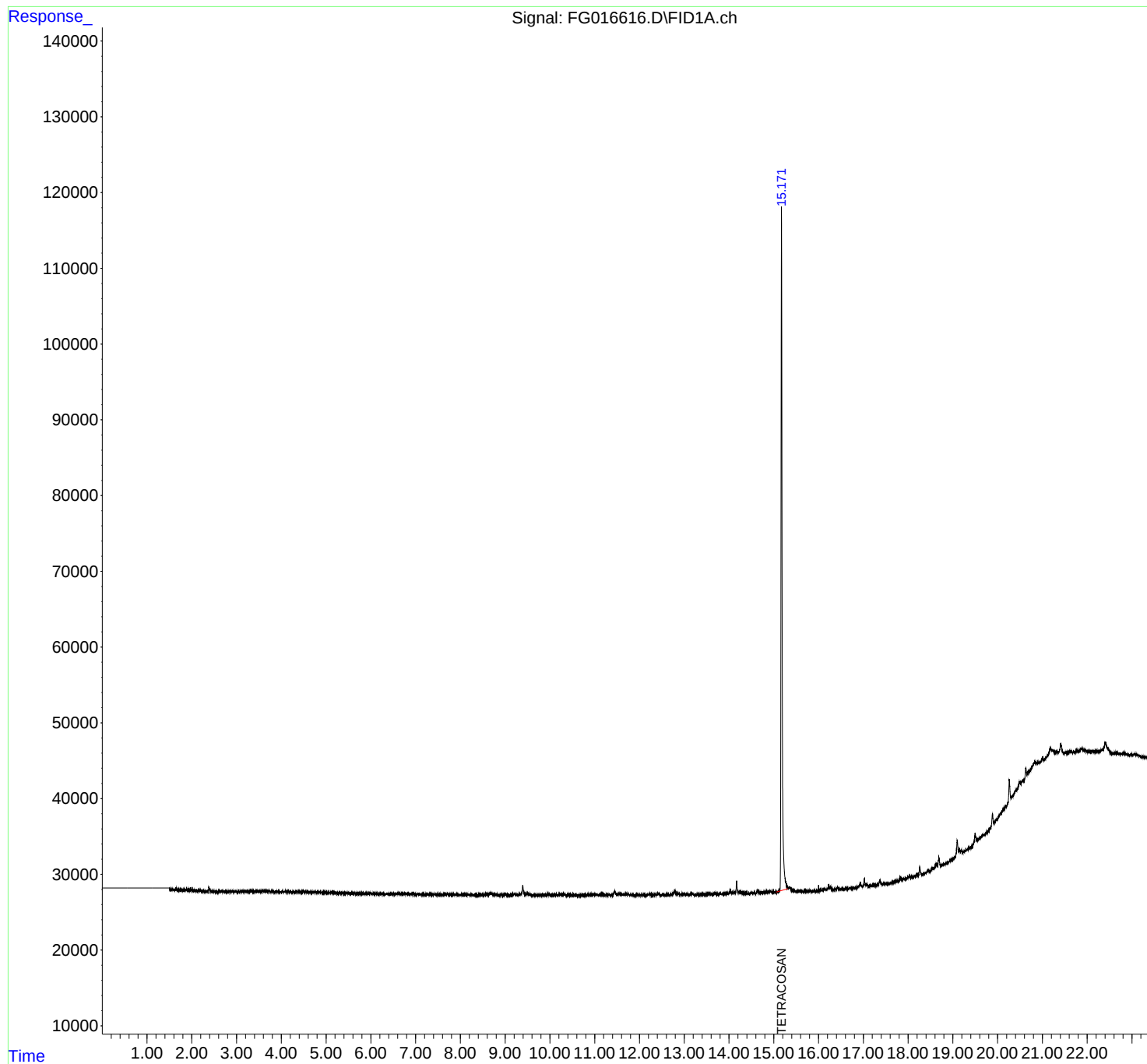
(m)=manual int.

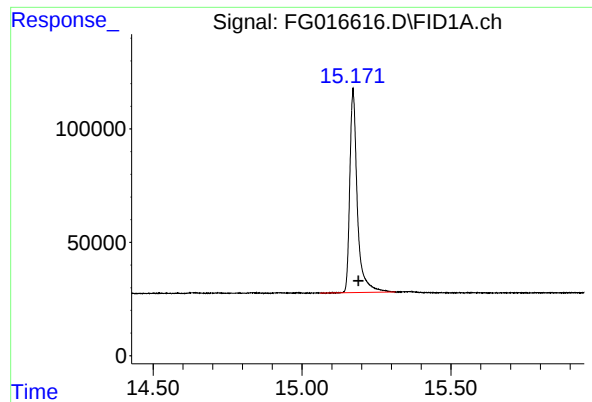
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016616.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 09:23
Operator : YP\AJ
Sample : PB169733BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169733BL

Integration File: autoint1.e
Quant Time: Sep 19 01:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.171 min
Delta R.T.: -0.018 min
Response: 1578233
Conc: 14.44 ug/ml

Instrument :
FID_G
ClientSampleId :
PB169733BL

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016616.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 09:23
Sample : PB169733BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.171	15.061	15.314	BB	89572	1578233	100.00%	100.000%
Sum of corrected areas:						1578233		

FG090525.M Fri Sep 19 02:25:34 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:		
Project:	ARR-2025-0043		Date Received:		
Client Sample ID:	PB169737BL		SDG No.:	Q3124	
Lab Sample ID:	PB169737BL		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016393.D	1	09/18/25 08:30	09/18/25 11:53	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	169	U	169	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	13.8		37 - 130	69%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016393.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 11:53
Operator : YP\AJ
Sample : PB169737BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB169737BL

Integration File: autoint1.e
Quant Time: Sep 18 12:03:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.065	1792533	13.843 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

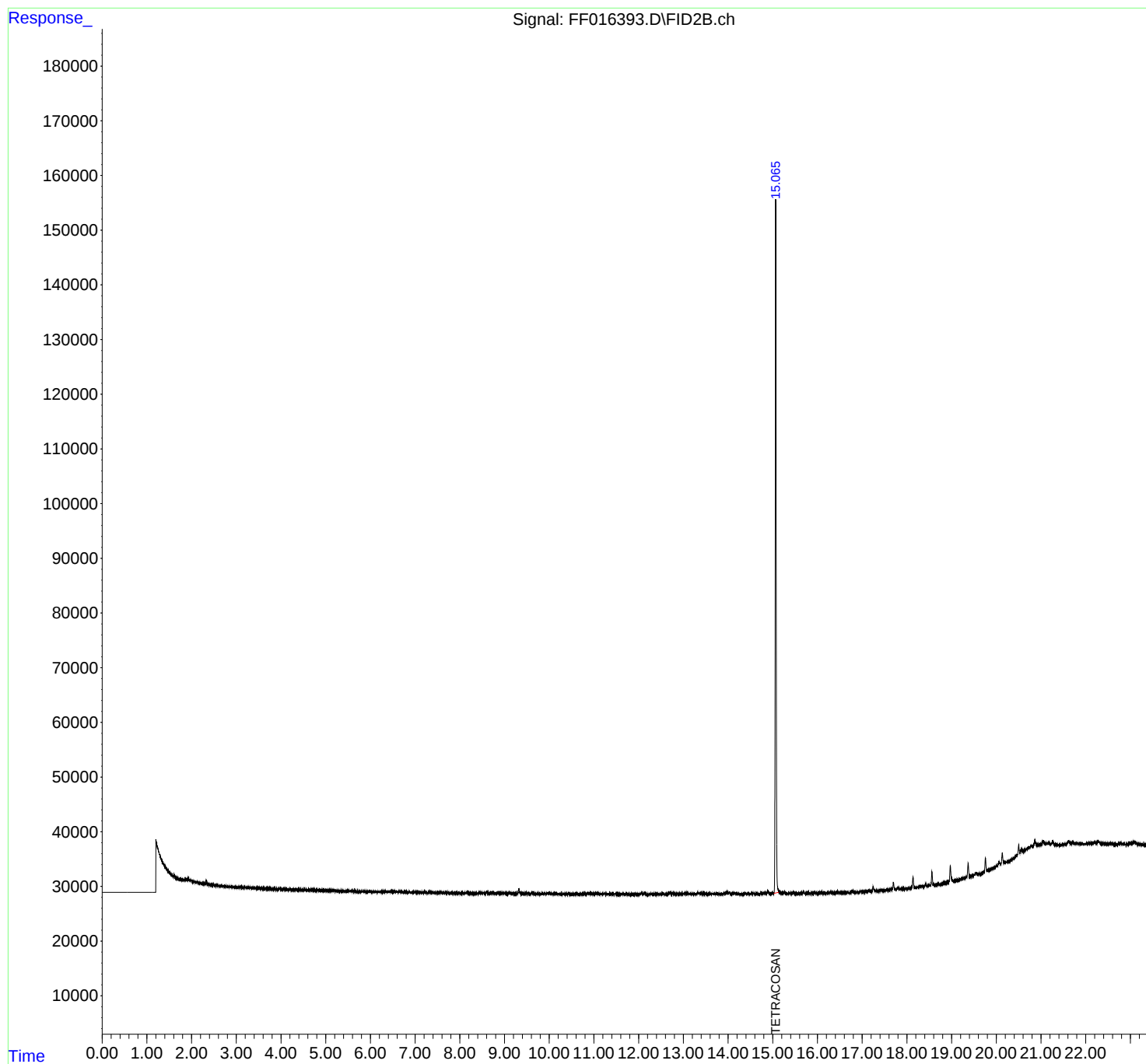
(m)=manual int.

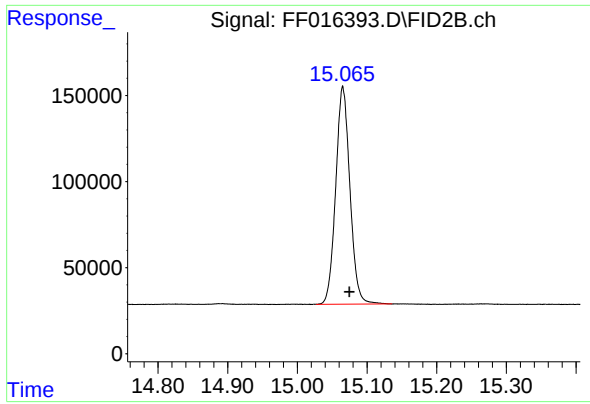
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016393.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 11:53
Operator : YP\AJ
Sample : PB169737BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB169737BL

Integration File: autoint1.e
Quant Time: Sep 18 12:03:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.009 min
Response: 1792533
Conc: 13.84 ug/ml

Instrument :
FID_F
ClientSampleId :
PB169737BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016393.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 11:53
Sample : PB169737BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.065	15.027	15.135	BB	126430	1792533	100.00%	100.000%
Sum of corrected areas:						1792533		

FF090525.M Fri Sep 19 05:26:14 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/18/25	
Project:	ARR-2025-0043		Date Received:	09/18/25	
Client Sample ID:	PIBLK-FF016390.D		SDG No.:	Q3124	
Lab Sample ID:	I.BLK-FF016390.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016390.D	1		09/18/25	FF091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.3		29 - 130	77%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016390.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 07:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 18 14:33:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.064	1984497	15.326 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

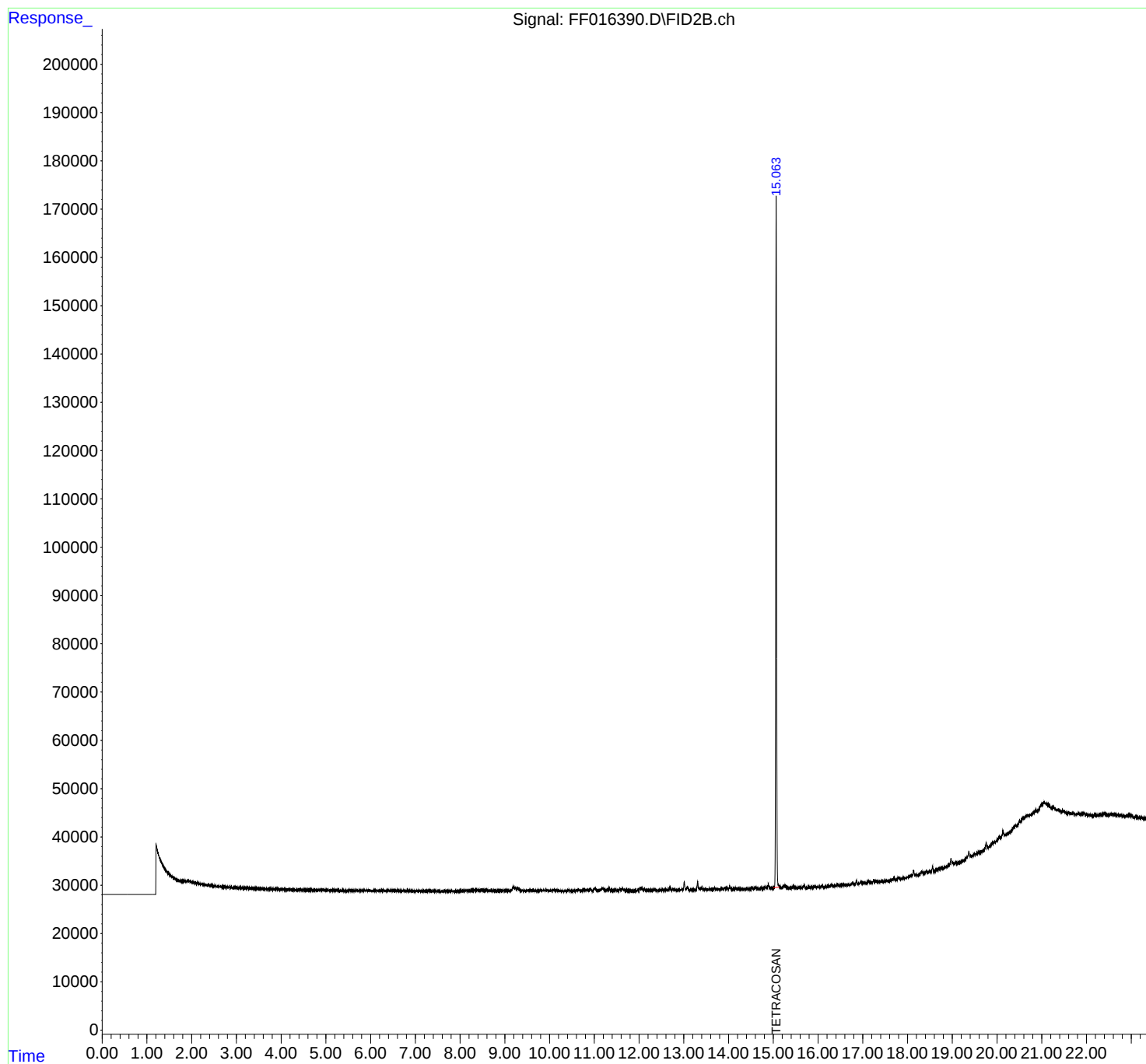
(m)=manual int.

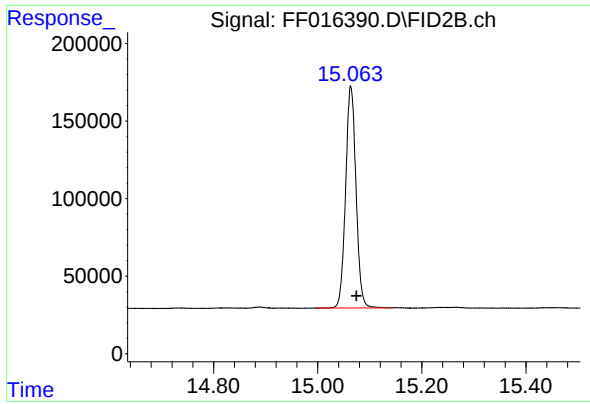
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016390.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 07:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 18 14:33:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.064 min
Delta R.T.: -0.011 min
Response: 1984497
Conc: 15.33 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016390.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 07:55
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.064	14.997	15.142	BB	142688	1984497	100.00%	100.000%
Sum of corrected areas:						1984497		

FF090525.M Thu Sep 18 14:37:17 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/18/25	
Project:	ARR-2025-0043		Date Received:	09/18/25	
Client Sample ID:	PIBLK-FF016397.D		SDG No.:	Q3124	
Lab Sample ID:	I.BLK-FF016397.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016397.D	1		09/18/25	FF091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.6		29 - 130	78%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016397.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 14:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 18 14:58:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.066	2023984	15.631 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

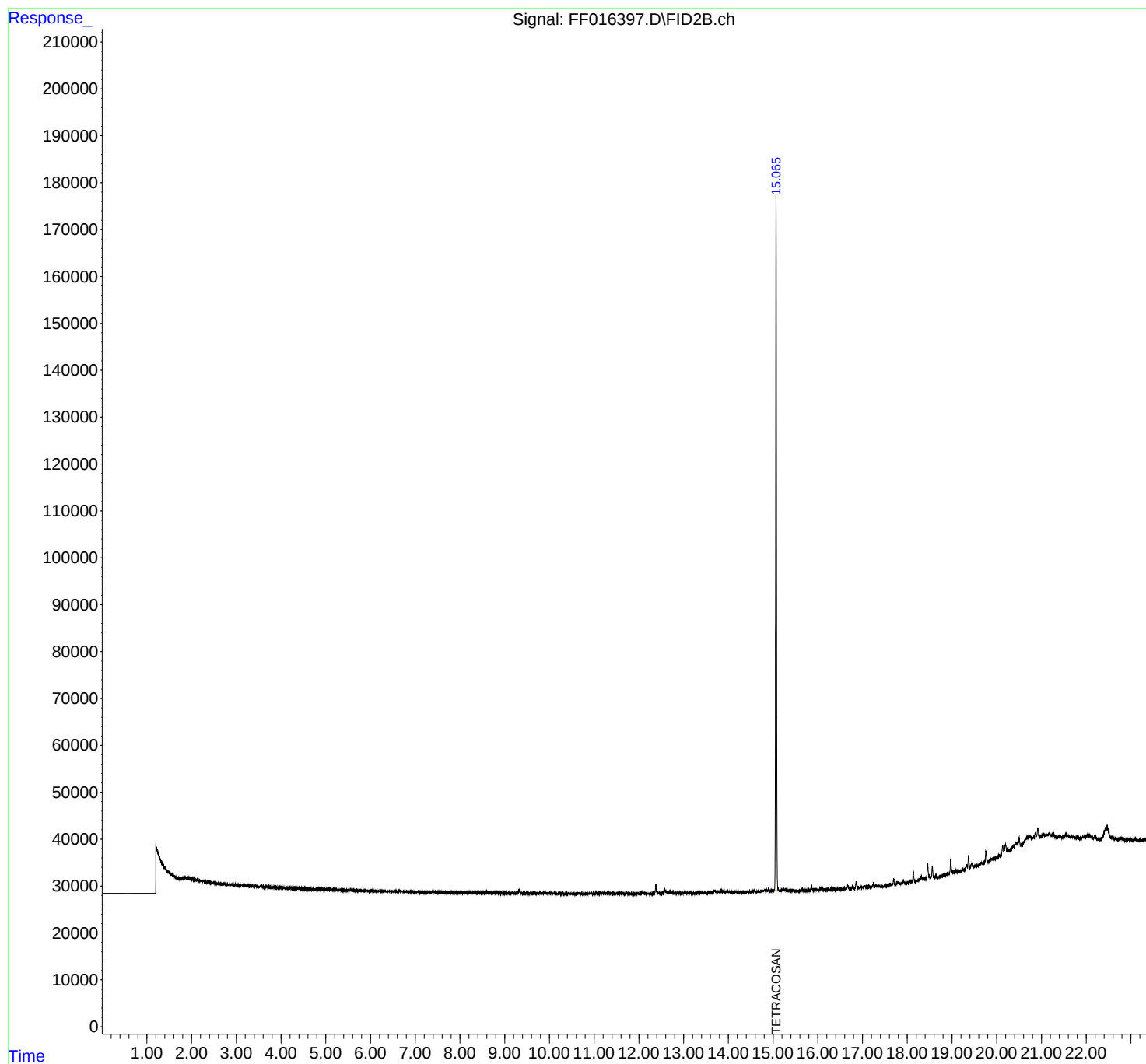
(m)=manual int.

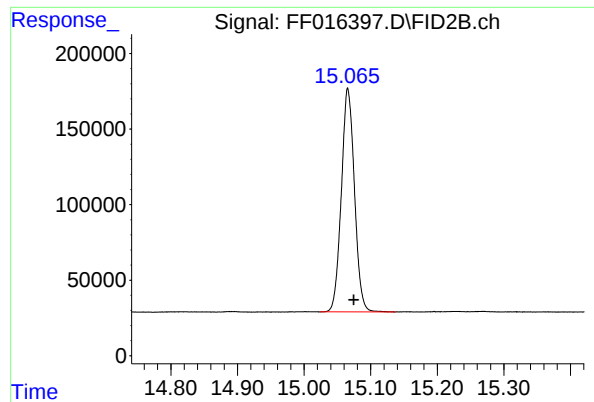
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016397.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 14:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 18 14:58:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.066 min
Delta R.T.: -0.009 min
Response: 2023984
Conc: 15.63 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016397.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 14:21
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.066	15.024	15.137	BB	148022	2023984	100.00%	100.000%
Sum of corrected areas:						2023984		

FF090525.M Fri Sep 19 05:26:30 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/18/25	
Project:	ARR-2025-0043		Date Received:	09/18/25	
Client Sample ID:	PIBLK-FF016401.D		SDG No.:	Q3124	
Lab Sample ID:	I.BLK-FF016401.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016401.D	1		09/18/25	FF091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.3		29 - 130	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016401.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 16:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Sep 19 05:18:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.067	1979136	15.284 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

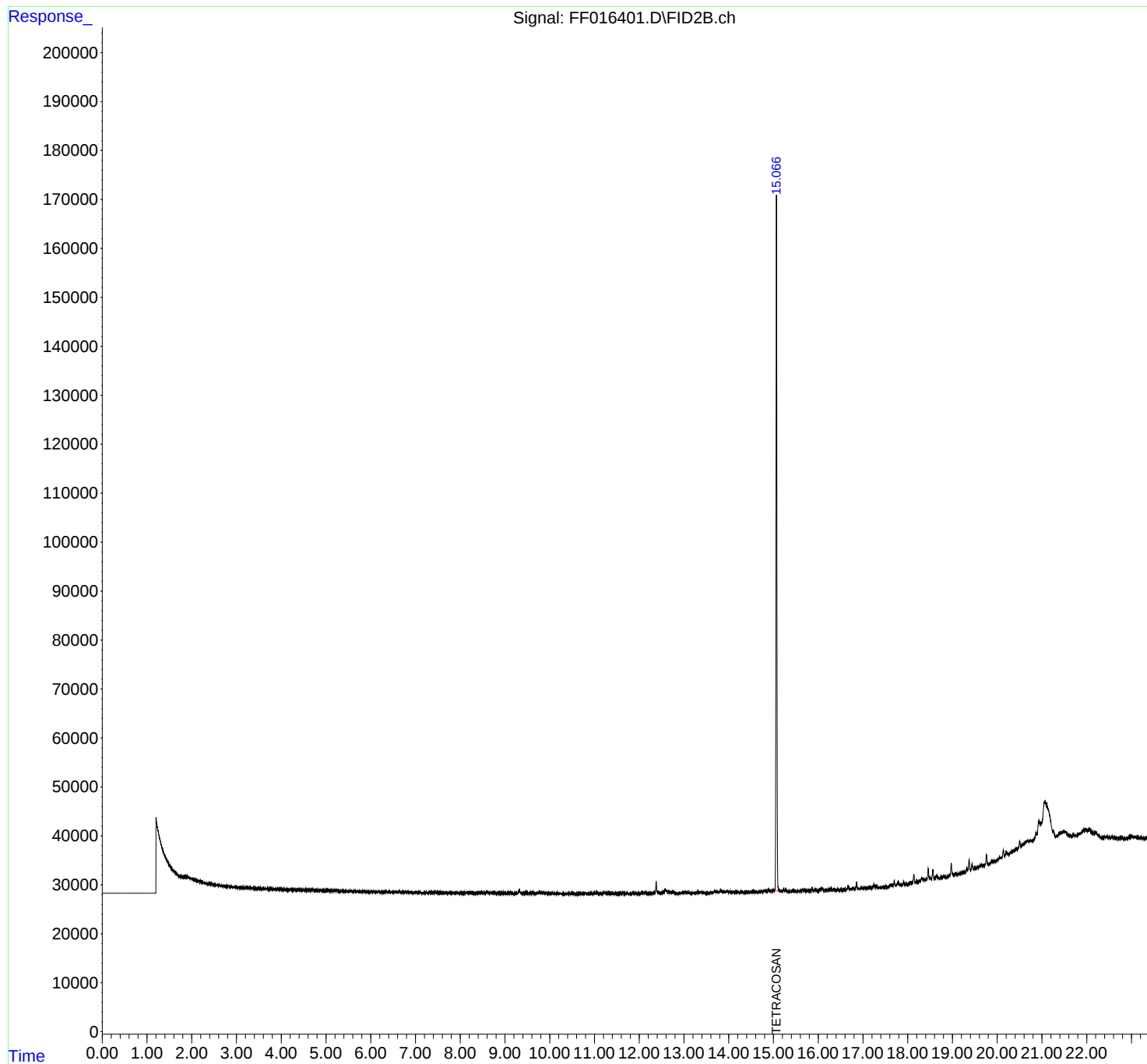
(m)=manual int.

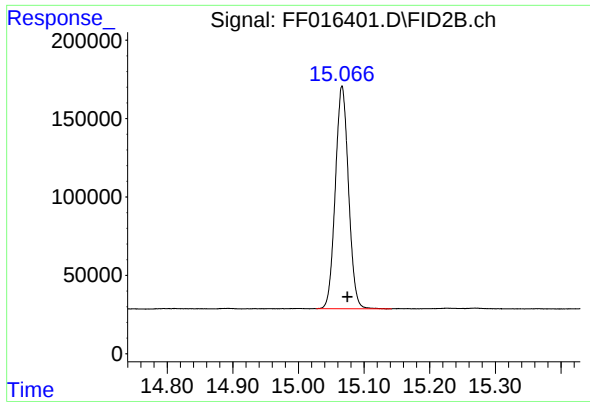
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016401.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 16:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: Sample.e
Quant Time: Sep 19 05:18:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: -0.008 min
Response: 1979136
Conc: 15.28 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016401.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 16:49
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.067	15.027	15.142	BB	142187	1979136	100.00%	100.000%
Sum of corrected areas:						1979136		

FF090525.M Fri Sep 19 05:26:54 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/18/25	
Project:	ARR-2025-0043		Date Received:	09/18/25	
Client Sample ID:	PIBLK-FG016613.D		SDG No.:	Q3124	
Lab Sample ID:	I.BLK-FG016613.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016613.D	1		09/18/25	FG091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.5		29 - 130	78%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016613.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 07:55
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: Sep 18 15:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.174	1693359	15.497 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

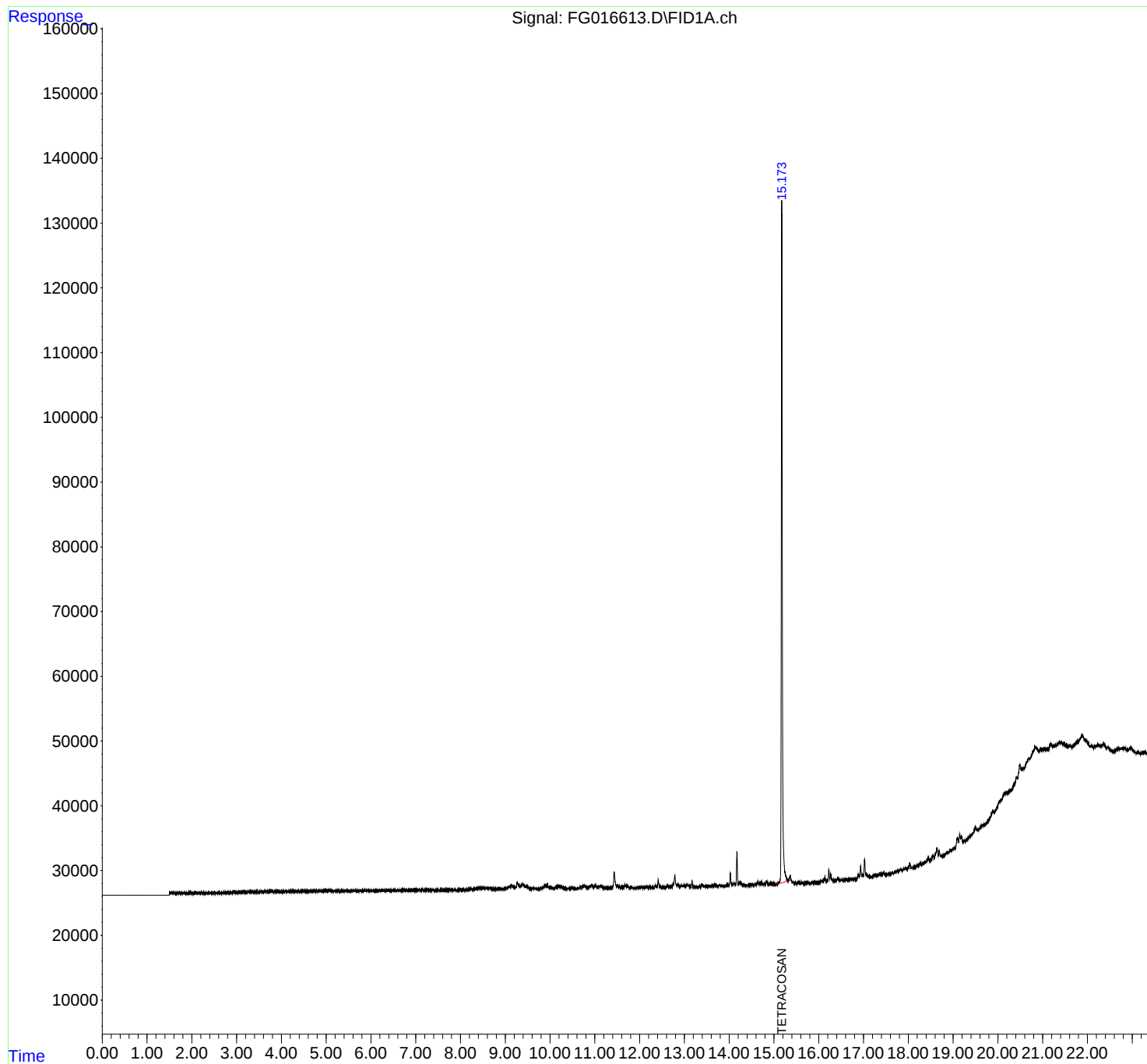
(m)=manual int.

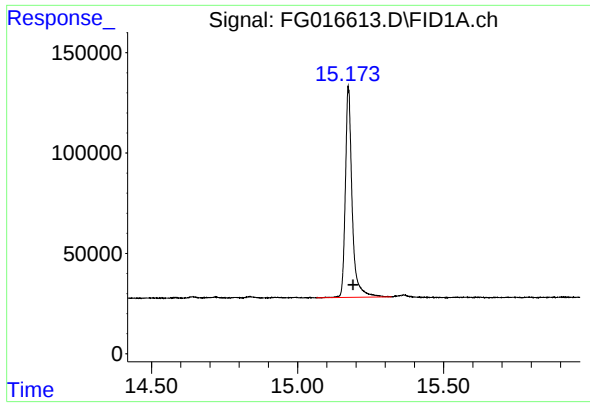
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016613.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 07:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 18 15:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.174 min
Delta R.T.: -0.016 min
Response: 1693359
Conc: 15.50 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016613.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 07:55
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.174	15.064	15.322	BV	104426	1693359	100.00%	100.000%
Sum of corrected areas:						1693359		

FG090525.M Thu Sep 18 15:12:37 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/18/25	
Project:	ARR-2025-0043		Date Received:	09/18/25	
Client Sample ID:	PIBLK-FG016623.D		SDG No.:	Q3124	
Lab Sample ID:	I.BLK-FG016623.D		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016623.D	1		09/18/25	FG091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	6.00	U	6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.4		29 - 130	77%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016623.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 13:51
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: Sep 19 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.170	1680873	15.383 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

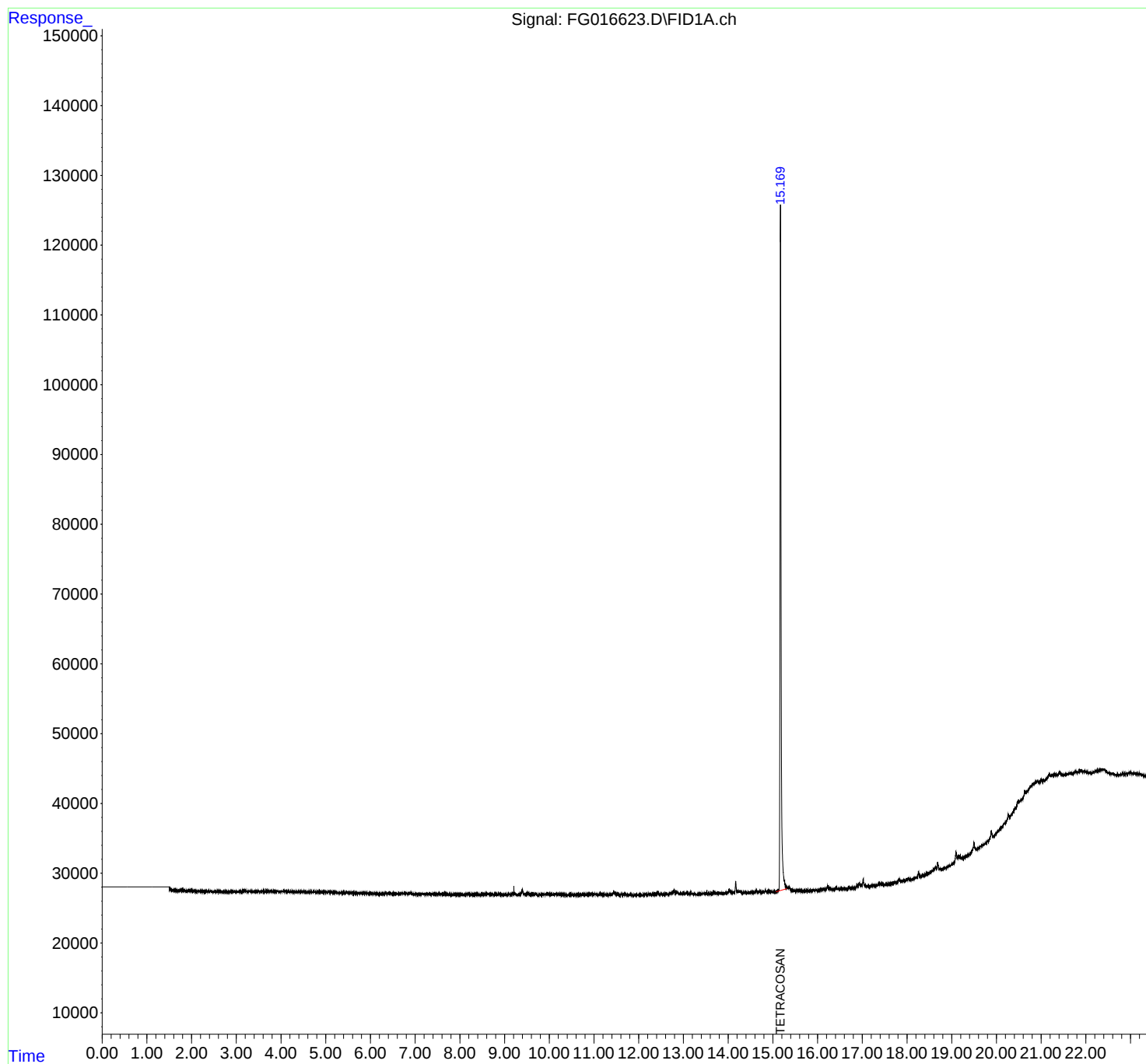
(m)=manual int.

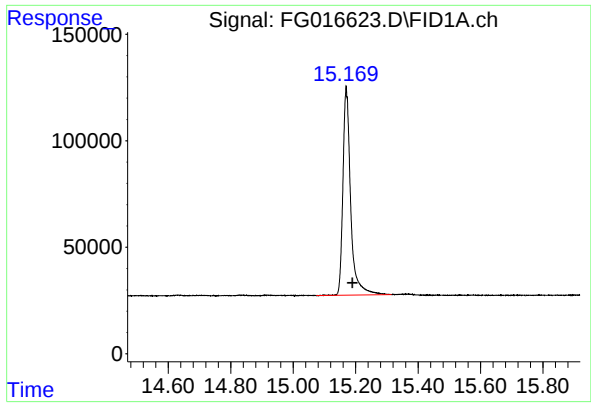
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016623.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 13:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Sep 19 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.170 min
Delta R.T.: -0.020 min
Response: 1680873
Conc: 15.38 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016623.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 13:51
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.170	15.074	15.315	BV	97876	1680873	100.00%	100.000%
Sum of corrected areas:						1680873		

FG090525.M Fri Sep 19 02:33:51 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:		
Project:	ARR-2025-0043		Date Received:		
Client Sample ID:	PB169733BS		SDG No.:	Q3124	
Lab Sample ID:	PB169733BS		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016617.D	1	09/17/25 12:20	09/18/25 9:52	PB169733

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	185		6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	17.6		29 - 130	88%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016617.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 09:52
 Operator : YP\AJ
 Sample : PB169733BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB169733BS

Integration File: autoint1.e
 Quant Time: Sep 19 01:49:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.169	1926332	17.629 ug/ml
Target Compounds			
2) N-DECANE	4.644	2187266	17.946 ug/ml
3) N-DODECANE	6.825	2244339	18.229 ug/ml
4) N-TETRADECANE	8.665	2311489	18.604 ug/ml
5) N-HEXADECANE	10.284	2319377	18.493 ug/ml
6) N-OCTADECANE	11.737	2370678	18.445 ug/ml
7) N-EICOSANE	13.056	2411496	18.690 ug/ml
8) N-DOCOSANE	14.264	2321176	18.585 ug/ml
10) N-TETRACOSANE	15.375	2316853	18.720 ug/ml
11) N-HEXACOSANE	16.402	2225363	18.352 ug/ml
12) N-OCTACOSANE	17.360	2279249	19.076 ug/ml

(f)=RT Delta > 1/2 Window

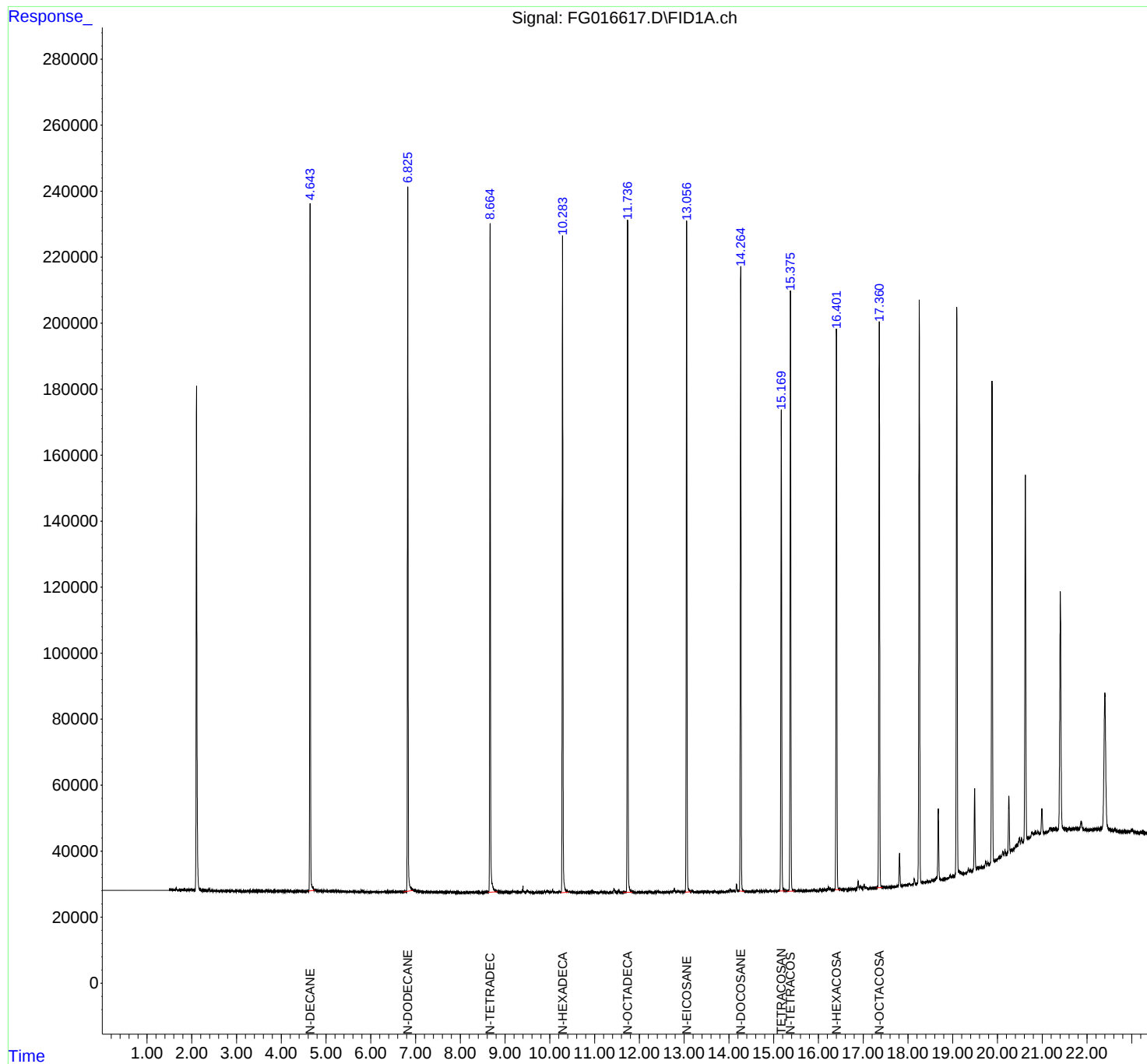
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016617.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 09:52
Operator : YP\AJ
Sample : PB169733BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169733BS

Integration File: autoint1.e
Quant Time: Sep 19 01:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016617.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 09:52
Sample : PB169733BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.644	4.611	4.747	BB	207782	2187266	90.70%	8.779%
2	6.825	6.726	6.946	BB	212689	2244339	93.07%	9.008%
3	8.665	8.616	8.832	BB	202819	2311489	95.85%	9.278%
4	10.284	10.241	10.419	BB	199530	2319377	96.18%	9.310%
5	11.737	11.636	11.847	BB	202953	2370678	98.31%	9.516%
6	13.056	13.019	13.151	BV	202467	2411496	100.00%	9.679%
7	14.264	14.227	14.351	BB	188780	2321176	96.25%	9.317%
8	15.169	15.121	15.272	BB	145090	1926332	79.88%	7.732%
9	15.375	15.301	15.472	BB	182078	2316853	96.08%	9.300%
10	16.402	16.366	16.487	BB	168207	2225363	92.28%	8.932%
11	17.360	17.301	17.431	BV	171913	2279249	94.52%	9.149%
Sum of corrected areas:						24913618		

FG090525.M Fri Sep 19 02:32:24 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:		
Project:	ARR-2025-0043		Date Received:		
Client Sample ID:	PB169737BS		SDG No.:	Q3124	
Lab Sample ID:	PB169737BS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016394.D	1	09/18/25 08:30	09/18/25 12:52	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4710		169	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	13.6		37 - 130	68%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016394.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 12:52
Sample : PB169737BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.586	4.554	4.654	BB	175873	1822621	85.53%	8.358%
2	6.764	6.729	6.824	BB	186072	1887187	88.56%	8.655%
3	8.596	8.562	8.667	BB	187616	1950898	91.54%	8.947%
4	10.206	10.167	10.274	BB	183945	1988797	93.32%	9.121%
5	11.651	11.607	11.712	BB	177368	2062074	96.76%	9.457%
6	12.963	12.924	13.014	BB	176242	2131087	100.00%	9.773%
7	14.164	14.127	14.222	BB	169370	2086971	97.93%	9.571%
8	15.066	15.027	15.136	BB	126781	1755405	82.37%	8.050%
9	15.270	15.222	15.324	BB	166169	2091102	98.12%	9.590%
10	16.293	16.252	16.351	BB	155187	2021640	94.86%	9.271%
11	17.246	17.207	17.307	BB	148172	2007917	94.22%	9.208%
Sum of corrected areas:						21805698		

FF090525.M Fri Sep 19 04:25:07 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:		
Project:	ARR-2025-0043		Date Received:		
Client Sample ID:	PB169733BSD		SDG No.:	Q3124	
Lab Sample ID:	PB169733BSD		Matrix:	Water	
Analytical Method:	8015D DRO		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016618.D	1	09/17/25 12:20	09/18/25 10:54	PB169733

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	157		6.00	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	15.1		29 - 130	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016618.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 10:54
 Operator : YP\AJ
 Sample : PB169733BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB169733BSD

Integration File: autoint1.e
 Quant Time: Sep 19 01:49:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.170	1654484	15.141 ug/ml
Target Compounds			
2) N-DECANE	4.642	1788485	14.674 ug/ml
3) N-DODECANE	6.825	1865403	15.151 ug/ml
4) N-TETRADECANE	8.665	1933542	15.562 ug/ml
5) N-HEXADECANE	10.284	1955037	15.588 ug/ml
6) N-OCTADECANE	11.737	2012743	15.660 ug/ml
7) N-EICOSANE	13.058	2068223	16.030 ug/ml
8) N-DOCOSANE	14.264	2008798	16.084 ug/ml
10) N-TETRACOSANE	15.375	1993531	16.108 ug/ml
11) N-HEXACOSANE	16.404	1915607	15.798 ug/ml
12) N-OCTACOSANE	17.359	1913311	16.013 ug/ml

(f)=RT Delta > 1/2 Window

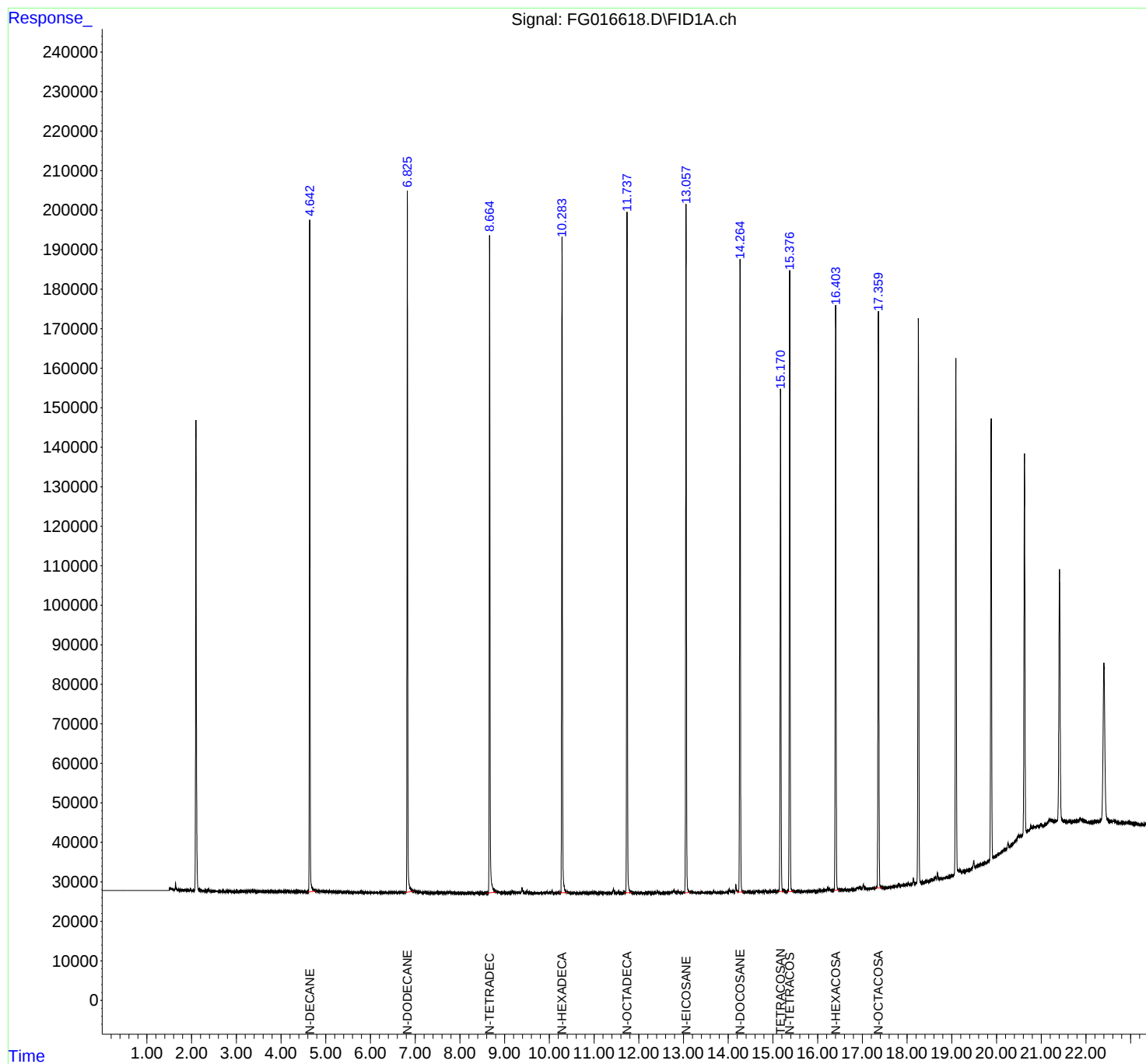
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016618.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 10:54
Operator : YP\AJ
Sample : PB169733BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB169733BSD

Integration File: autoint1.e
Quant Time: Sep 19 01:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Sat Sep 06 04:20:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
Data File : FG016618.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2025 10:54
Sample : PB169733BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.642	4.609	4.774	BB	170175	1788485	86.47%	8.473%
2	6.825	6.777	6.967	BB	176953	1865403	90.19%	8.837%
3	8.665	8.609	8.814	BB	166127	1933542	93.49%	9.160%
4	10.284	10.226	10.409	BB	165793	1955037	94.53%	9.262%
5	11.737	11.679	11.846	BB	172053	2012743	97.32%	9.535%
6	13.058	13.014	13.146	BB	173696	2068223	100.00%	9.798%
7	14.264	14.201	14.354	VB	160239	2008798	97.13%	9.516%
8	15.170	15.121	15.244	BB	127426	1654484	80.00%	7.838%
9	15.375	15.316	15.461	BB	157123	1993531	96.39%	9.444%
10	16.404	16.364	16.479	BB	147779	1915607	92.62%	9.075%
11	17.359	17.301	17.431	BV	145762	1913311	92.51%	9.064%
Sum of corrected areas:						21109164		

FG090525.M Fri Sep 19 02:33:21 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	NORTH-SIDEMS		SDG No.:	Q3124	
Lab Sample ID:	Q3124-03MS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	85.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016399.D	1	09/18/25 08:30	09/18/25 15:20	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	13000		197	1950	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	10.5		37 - 130	53%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
 Data File : FF016399.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2025 15:20
 Operator : YP\AJ
 Sample : Q3124-03MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 NORTH-SIDEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2025
 Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e
 Quant Time: Sep 19 04:06:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.067	1363705	10.531 ug/ml
Target Compounds			
2) N-DECANE	4.586	1825052	13.706 ug/ml
3) N-DODECANE	6.764	1919066	14.116 ug/ml
4) N-TETRADECANE	8.597	1963904	14.086 ug/ml
5) N-HEXADECANE	10.206	2026282	14.263 ug/ml
6) N-OCTADECANE	11.651	2132482	14.506 ug/ml
7) N-EICOSANE	12.965	2255216	15.118 ug/ml
8) N-DOCOSANE	14.166	2183851	15.019 ug/ml
10) N-TETRACOSANE	15.271	2225573	15.358 ug/ml
11) N-HEXACOSANE	16.294	2111003	14.774 ug/mlm
12) N-OCTACOSANE	17.247	2031498	14.604 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016399.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 15:20
Operator : YP\AJ
Sample : Q3124-03MS
Misc :
ALS Vial : 77 Sample Multiplier: 1

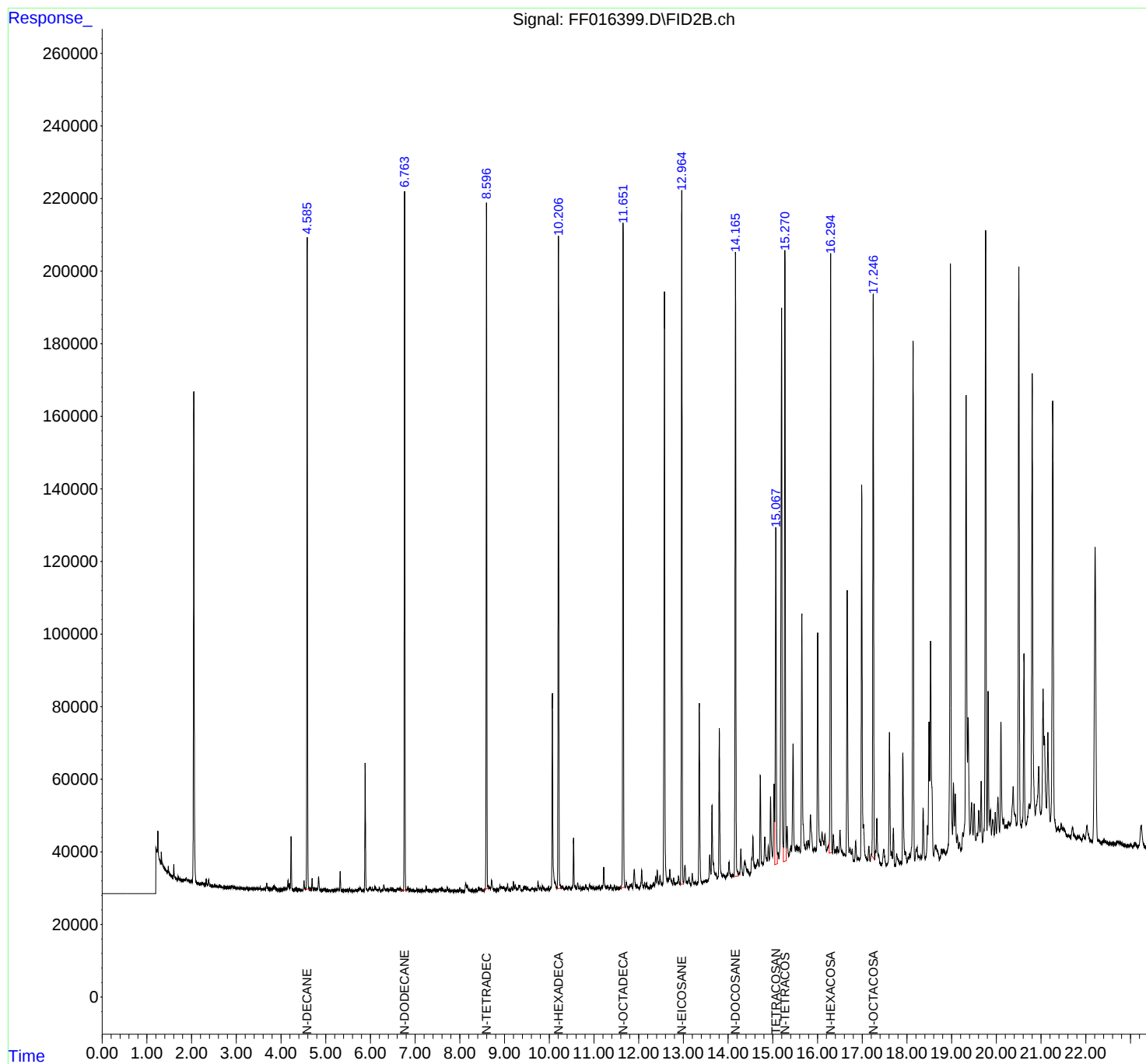
Instrument :
FID_F
ClientSampleId :
NORTH-SIDEMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e
Quant Time: Sep 19 04:06:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMS

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF09182

Data File : FF016399.D

Signal(s) : FID2B.ch

Acq On : 18 Sep 2025 15:20

Sample : Q3124-03MS

Misc :

ALS Vial : 77 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e

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

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.457	4.435	4.481	BV	127	1204	0.04%	0.002%
2	4.516	4.481	4.556	PV	2752	37007	1.35%	0.076%
3	4.586	4.556	4.657	VV	179905	1850252	67.53%	3.797%
4	4.661	4.657	4.671	VV	430	3415	0.12%	0.007%
5	4.696	4.671	4.736	VV	3408	43080	1.57%	0.088%
6	4.749	4.736	4.769	VV	769	10759	0.39%	0.022%
7	4.782	4.769	4.796	VV	645	8170	0.30%	0.017%
8	4.810	4.796	4.820	VV	488	6417	0.23%	0.013%
9	4.841	4.820	4.879	VV	3934	52915	1.93%	0.109%
10	4.897	4.879	4.913	VV	230	3574	0.13%	0.007%
11	4.962	4.913	4.969	VV	348	6978	0.25%	0.014%
12	4.978	4.969	5.006	VV	306	4805	0.18%	0.010%
13	5.008	5.006	5.026	VV	189	1275	0.05%	0.003%
14	5.046	5.026	5.080	VV	185	3068	0.11%	0.006%
15	5.092	5.080	5.096	PV	120	794	0.03%	0.002%
16	5.100	5.096	5.122	VV	97	1145	0.04%	0.002%
17	5.134	5.122	5.144	VV	195	1455	0.05%	0.003%
18	5.146	5.144	5.160	VV	201	891	0.03%	0.002%
19	5.173	5.160	5.193	VV	130	1511	0.06%	0.003%
20	5.220	5.193	5.227	VV	334	3895	0.14%	0.008%
21	5.243	5.227	5.261	VV	347	5055	0.18%	0.010%
22	5.277	5.261	5.300	VV	833	10957	0.40%	0.022%
23	5.324	5.300	5.366	VV	5408	57775	2.11%	0.119%
24	5.411	5.366	5.456	VV	310	8792	0.32%	0.018%
25	5.467	5.456	5.506	VV	159	2651	0.10%	0.005%
26	5.530	5.506	5.553	VV	706	8904	0.32%	0.018%
27	5.569	5.553	5.591	VV	262	3864	0.14%	0.008%
28	5.595	5.591	5.602	PV	141	473	0.02%	0.001%
29	5.605	5.602	5.613	VV	84	395	0.01%	0.001%
30	5.631	5.613	5.638	VV	183	1602	0.06%	0.003%
31	5.664	5.638	5.707	VV	476	8829	0.32%	0.018%
32	5.710	5.707	5.716	VV	134	511	0.02%	0.001%
33	5.729	5.716	5.744	VV	638	7396	0.27%	0.015%
34	5.765	5.744	5.778	VV	914	12875	0.47%	0.026%
35	5.781	5.778	5.819	VV	689	7152	0.26%	0.015%
36	5.823	5.819	5.834	VV	125	1100	0.04%	0.002%

					nteres			
37	5.836	5.834	5.858	VV	207	2070	0.08%	0.004%
38	5.883	5.858	5.912	VV	35288	355197	12	
39	5.918	5.912	5.941	VV	520	6093		
40	5.968	5.941	5.980	VV	762	10565		
41	5.997	5.980	6.028	VV	1092	18689		
42	6.042	6.028	6.061	VV	1174	8871		
43	6.074	6.061	6.078	VV	419	3426	0.13%	0.007%
44	6.102	6.078	6.152	VV	1375	31360	1.14%	0.064%
45	6.168	6.152	6.180	VV	459	5795	0.21%	0.012%
46	6.198	6.180	6.238	VV	1022	15362	0.56%	0.032%
47	6.260	6.238	6.279	VV	462	6228	0.23%	0.013%
48	6.299	6.279	6.357	VV	1723	32198	1.18%	0.066%
49	6.374	6.357	6.402	VV	642	11026	0.40%	0.023%
50	6.408	6.402	6.431	VV	418	5537	0.20%	0.011%
51	6.446	6.431	6.467	VV	853	10553	0.39%	0.022%
52	6.485	6.467	6.503	VV	953	11862	0.43%	0.024%
53	6.518	6.503	6.540	VV	651	8147	0.30%	0.017%
54	6.551	6.540	6.578	VV	285	4336	0.16%	0.009%
55	6.600	6.578	6.614	VV	750	9858	0.36%	0.020%
56	6.623	6.614	6.636	VV	718	8162	0.30%	0.017%
57	6.640	6.636	6.656	VV	681	7169	0.26%	0.015%
58	6.667	6.656	6.703	VV	820	13968	0.51%	0.029%
59	6.716	6.703	6.735	VV	416	5410	0.20%	0.011%
60	6.764	6.735	6.806	VV	192616	1932866	70.55%	3.966%
61	6.813	6.806	6.819	VV	424	2951	0.11%	0.006%
62	6.840	6.819	6.868	VV	1416	20294	0.74%	0.042%
63	6.894	6.868	6.911	VV	403	7846	0.29%	0.016%
64	6.923	6.911	6.941	VV	311	4046	0.15%	0.008%
65	6.953	6.941	6.965	VV	340	3409	0.12%	0.007%
66	6.981	6.965	7.010	VV	262	4825	0.18%	0.010%
67	7.035	7.010	7.061	VV	378	7130	0.26%	0.015%
68	7.078	7.061	7.083	VV	292	2632	0.10%	0.005%
69	7.087	7.083	7.128	VV	287	4534	0.17%	0.009%
70	7.147	7.128	7.151	VV	188	1777	0.06%	0.004%
71	7.162	7.151	7.183	VV	197	2529	0.09%	0.005%
72	7.197	7.183	7.223	VV	291	3424	0.12%	0.007%
73	7.244	7.223	7.283	VV	1553	22793	0.83%	0.047%
74	7.290	7.283	7.314	VV	402	5550	0.20%	0.011%
75	7.321	7.314	7.328	VV	226	1669	0.06%	0.003%
76	7.334	7.328	7.362	VV	265	3382	0.12%	0.007%
77	7.407	7.362	7.421	VV	624	9855	0.36%	0.020%
78	7.439	7.421	7.467	VV	569	9197	0.34%	0.019%
79	7.472	7.467	7.475	VV	217	803	0.03%	0.002%
80	7.493	7.475	7.512	VV	470	7190	0.26%	0.015%
81	7.548	7.512	7.574	VV	664	15515	0.57%	0.032%
82	7.601	7.574	7.656	VV	880	21531	0.79%	0.044%
83	7.673	7.656	7.692	VV	257	3570	0.13%	0.007%
84	7.717	7.692	7.759	VV	1103	20962	0.77%	0.043%
85	7.763	7.759	7.802	VV	389	4854	0.18%	0.010%
86	7.832	7.802	7.869	VV	296	6914	0.25%	0.014%
87	7.903	7.869	7.919	PV	168	2830	0.10%	0.006%
88	7.940	7.919	7.957	VV	145	2565	0.09%	0.005%
89	7.960	7.957	7.977	VV	123	892	0.03%	0.002%

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

90	8.000	7.977	8.038	VV	1088	13015	0.48%	0.027%
91	8.058	8.038	8.090	VV	269	4111		
92	8.131	8.090	8.157	PV	2055	40002		
93	8.170	8.157	8.207	VV	1611	25664		
94	8.208	8.207	8.236	VV	429	4060		
95	8.253	8.236	8.270	VV	277	3578		
96	8.276	8.270	8.278	VV	184	664	0.02%	0.001%
97	8.287	8.278	8.309	VV	382	3837	0.14%	0.008%
98	8.317	8.309	8.332	VV	183	1675	0.06%	0.003%
99	8.357	8.332	8.398	VV	387	6961	0.25%	0.014%
100	8.416	8.398	8.441	VV	1038	15527	0.57%	0.032%
101	8.455	8.441	8.475	VV	658	10977	0.40%	0.023%
102	8.486	8.475	8.518	VV	539	9652	0.35%	0.020%
103	8.525	8.518	8.535	VV	256	2149	0.08%	0.004%
104	8.539	8.535	8.542	VV	234	772	0.03%	0.002%
105	8.561	8.542	8.567	VV	400	4765	0.17%	0.010%
106	8.597	8.567	8.646	VV	189442	2000989	73.03%	4.106%
107	8.658	8.646	8.685	VV	1093	20977	0.77%	0.043%
108	8.712	8.685	8.775	VV	2972	62437	2.28%	0.128%
109	8.781	8.775	8.813	VV	381	5727	0.21%	0.012%
110	8.827	8.813	8.843	VV	361	4472	0.16%	0.009%
111	8.852	8.843	8.865	VV	335	3526	0.13%	0.007%
112	8.897	8.865	8.914	VV	1450	25689	0.94%	0.053%
113	8.927	8.914	8.940	VV	1137	15425	0.56%	0.032%
114	8.958	8.940	8.972	VV	1121	17046	0.62%	0.035%
115	8.982	8.972	9.017	VV	1068	18884	0.69%	0.039%
116	9.035	9.017	9.052	VV	589	9164	0.33%	0.019%
117	9.069	9.052	9.108	VV	1747	24565	0.90%	0.050%
118	9.114	9.108	9.137	VV	283	4097	0.15%	0.008%
119	9.156	9.137	9.175	VV	1095	13567	0.50%	0.028%
120	9.198	9.175	9.222	VV	2542	33395	1.22%	0.069%
121	9.240	9.222	9.265	VV	1775	26877	0.98%	0.055%
122	9.268	9.265	9.299	VV	622	8731	0.32%	0.018%
123	9.322	9.299	9.333	VV	1510	19941	0.73%	0.041%
124	9.343	9.333	9.381	VV	1393	18037	0.66%	0.037%
125	9.385	9.381	9.404	VV	130	1444	0.05%	0.003%
126	9.423	9.404	9.432	VV	566	5396	0.20%	0.011%
127	9.447	9.432	9.461	VV	1251	14286	0.52%	0.029%
128	9.475	9.461	9.497	VV	1177	14463	0.53%	0.030%
129	9.518	9.497	9.572	VV	1008	17134	0.63%	0.035%
130	9.593	9.572	9.602	VV	440	4849	0.18%	0.010%
131	9.621	9.602	9.630	VV	770	10036	0.37%	0.021%
132	9.635	9.630	9.672	VV	602	9338	0.34%	0.019%
133	9.688	9.672	9.702	VV	408	5515	0.20%	0.011%
134	9.718	9.702	9.727	VV	332	4199	0.15%	0.009%
135	9.748	9.727	9.784	VV	2548	37832	1.38%	0.078%
136	9.802	9.784	9.821	VV	952	12515	0.46%	0.026%
137	9.847	9.821	9.870	VV	1345	20379	0.74%	0.042%
138	9.884	9.870	9.904	VV	689	10082	0.37%	0.021%
139	9.911	9.904	9.921	VV	261	2390	0.09%	0.005%
140	9.945	9.921	9.959	VV	493	7556	0.28%	0.016%
141	9.984	9.959	10.008	VV	972	13131	0.48%	0.027%

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMS

0.48% 0.027%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

rteres									
142	10.070	10.008	10.175	PV	54350	744651	27.18%	1.528%	
143	10.206	10.175	10.275	VV	180005	2059537	75.00%	0.000%	
144	10.306	10.275	10.342	VV	1122	27259	0.00%	0.000%	
145	10.366	10.342	10.377	VV	810	10789	0.00%	0.000%	
146	10.387	10.377	10.409	VV	816	10917	0.00%	0.000%	
147	10.432	10.409	10.442	VV	818	11703	0.00%	0.000%	
148	10.454	10.442	10.485	VV	877	16256	0.59%	0.033%	
149	10.508	10.485	10.517	VV	763	10776	0.39%	0.022%	
150	10.543	10.517	10.567	VV	14409	163124	5.95%	0.335%	
151	10.581	10.567	10.609	VV	1285	20138	0.74%	0.041%	
152	10.636	10.609	10.669	VV	1832	33319	1.22%	0.068%	
153	10.689	10.669	10.719	VV	904	12865	0.47%	0.026%	
154	10.730	10.719	10.745	VV	495	4688	0.17%	0.010%	
155	10.762	10.745	10.787	VV	632	9896	0.36%	0.020%	
156	10.817	10.787	10.879	VV	1060	29344	1.07%	0.060%	
157	10.900	10.879	10.932	VV	1377	24337	0.89%	0.050%	
158	10.941	10.932	10.959	VV	765	10256	0.37%	0.021%	
159	10.969	10.959	10.985	VV	731	8559	0.31%	0.018%	
160	10.997	10.985	11.029	VV	554	10465	0.38%	0.021%	
161	11.045	11.029	11.062	VV	508	7572	0.28%	0.016%	
162	11.084	11.062	11.097	VV	477	8009	0.29%	0.016%	
163	11.122	11.097	11.149	VV	823	15432	0.56%	0.032%	
164	11.170	11.149	11.186	VV	881	13245	0.48%	0.027%	
165	11.219	11.186	11.290	VV	6122	104965	3.83%	0.215%	
166	11.310	11.290	11.338	VV	821	15542	0.57%	0.032%	
167	11.348	11.338	11.355	VV	456	3846	0.14%	0.008%	
168	11.373	11.355	11.411	VV	1050	17609	0.64%	0.036%	
169	11.416	11.411	11.432	VV	134	1183	0.04%	0.002%	
170	11.456	11.432	11.482	PV	1130	14791	0.54%	0.030%	
171	11.508	11.482	11.527	VV	300	5997	0.22%	0.012%	
172	11.538	11.527	11.544	VV	144	1387	0.05%	0.003%	
173	11.585	11.544	11.599	VV	404	8524	0.31%	0.017%	
174	11.651	11.599	11.702	VV	183079	2156992	78.73%	4.426%	
175	11.724	11.702	11.782	VV	1872	36200	1.32%	0.074%	
176	11.809	11.782	11.822	VV	1041	15515	0.57%	0.032%	
177	11.843	11.822	11.866	VV	1375	21696	0.79%	0.045%	
178	11.901	11.866	11.950	VV	5222	102044	3.72%	0.209%	
179	11.964	11.950	11.999	VV	644	11658	0.43%	0.024%	
180	12.004	11.999	12.017	VV	199	1523	0.06%	0.003%	
181	12.068	12.017	12.112	VV	5011	86810	3.17%	0.178%	
182	12.134	12.112	12.155	VV	1518	18748	0.68%	0.038%	
183	12.175	12.155	12.227	VV	1322	18749	0.68%	0.038%	
184	12.268	12.227	12.293	PV	406	8256	0.30%	0.017%	
185	12.337	12.293	12.359	VV	1197	27550	1.01%	0.057%	
186	12.380	12.359	12.396	VV	3045	42338	1.55%	0.087%	
187	12.417	12.396	12.458	VV	4696	87092	3.18%	0.179%	
188	12.477	12.458	12.517	VV	3190	59843	2.18%	0.123%	
189	12.530	12.517	12.539	VV	934	11185	0.41%	0.023%	
190	12.578	12.539	12.637	VV	164386	2142073	78.18%	4.396%	
191	12.649	12.637	12.664	VV	2199	29799	1.09%	0.061%	
192	12.697	12.664	12.760	VV	4742	123321	4.50%	0.253%	
193	12.783	12.760	12.805	VV	2307	36158	1.32%	0.074%	
194	12.816	12.805	12.839	VV	833	14507	0.53%	0.030%	

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

						Instrument : FID_F	
						ClientSampleId : NORTH-SIDEMS	
195	12.860	12.839	12.869	VV	989	14219	0.52% 0.029%
196	12.892	12.869	12.929	VV	2540	48469	Manual IntegrationsAPPROVED
197	12.965	12.929	13.004	VV	191554	2274145	
198	13.035	13.004	13.071	VV	5495	112996	
199	13.082	13.071	13.100	VV	900	13466	
200	13.125	13.100	13.167	VV	2083	39042	
201	13.199	13.167	13.234	VV	3167	46667	1.70% 0.096%
202	13.264	13.234	13.304	VV	793	16238	0.59% 0.033%
203	13.320	13.304	13.328	PV	794	7339	0.27% 0.015%
204	13.356	13.328	13.424	VV	49861	701890	25.62% 1.440%
205	13.446	13.424	13.468	VV	650	12821	0.47% 0.026%
206	13.486	13.468	13.497	VV	917	13074	0.48% 0.027%
207	13.501	13.497	13.515	VV	834	7708	0.28% 0.016%
208	13.523	13.515	13.535	VV	677	7090	0.26% 0.015%
209	13.590	13.535	13.617	VV	7792	149533	5.46% 0.307%
210	13.641	13.617	13.666	VV	21324	317145	11.58% 0.651%
211	13.671	13.666	13.719	VV	5427	110268	4.02% 0.226%
212	13.728	13.719	13.759	VV	2334	43092	1.57% 0.088%
213	13.805	13.759	13.872	VV	42372	629202	22.97% 1.291%
214	13.891	13.872	13.907	VV	2110	36707	1.34% 0.075%
215	13.917	13.907	13.943	VV	1708	29909	1.09% 0.061%
216	13.961	13.943	13.968	VV	1547	19360	0.71% 0.040%
217	13.985	13.968	13.994	VV	2001	26908	0.98% 0.055%
218	14.021	13.994	14.072	VV	5235	124793	4.55% 0.256%
219	14.086	14.072	14.091	VV	1395	15356	0.56% 0.032%
220	14.105	14.091	14.127	VV	1698	30483	1.11% 0.063%
221	14.166	14.127	14.231	VV	173247	2256890	82.37% 4.631%
222	14.285	14.231	14.336	VV	8577	206914	7.55% 0.425%
223	14.376	14.336	14.418	VV	5193	170146	6.21% 0.349%
224	14.431	14.418	14.449	VV	2718	44131	1.61% 0.091%
225	14.454	14.449	14.476	VV	2000	28164	1.03% 0.058%
226	14.480	14.476	14.490	VV	1435	11268	0.41% 0.023%
227	14.529	14.490	14.535	VV	5759	84666	3.09% 0.174%
228	14.555	14.535	14.580	VV	11546	200506	7.32% 0.411%
229	14.590	14.580	14.611	VV	3740	59254	2.16% 0.122%
230	14.627	14.611	14.634	VV	3478	43351	1.58% 0.089%
231	14.636	14.634	14.639	VV	3486	11356	0.41% 0.023%
232	14.658	14.639	14.693	VV	5115	135328	4.94% 0.278%
233	14.720	14.693	14.777	VV	28223	499524	18.23% 1.025%
234	14.821	14.777	14.877	VV	11112	367699	13.42% 0.755%
235	14.899	14.877	14.919	VV	8590	158958	5.80% 0.326%
236	14.950	14.919	14.993	VV	22021	459684	16.78% 0.943%
237	15.026	14.993	15.043	VV	25458	456434	16.66% 0.937%
238	15.067	15.043	15.103	VV	96107	1481235	54.06% 3.040%
239	15.116	15.103	15.136	VV	6375	113678	4.15% 0.233%
240	15.197	15.136	15.235	VV	156376	2739791	100.00% 5.622%
241	15.271	15.235	15.301	VV	171380	2375546	86.71% 4.875%
242	15.320	15.301	15.365	VV	13400	324879	11.86% 0.667%
243	15.405	15.365	15.421	VV	7992	221609	8.09% 0.455%
244	15.454	15.421	15.503	VV	35902	761660	27.80% 1.563%
245	15.520	15.503	15.539	VV	7623	146670	5.35% 0.301%
246	15.555	15.539	15.574	VV	7542	146668	5.35% 0.301%

rteres									
247	15.589	15.574	15.618	VV	7217	175907	6.42%	0.361%	
248	15.650	15.618	15.735	VV	71621	1445676	52.14%	0.361%	
249	15.755	15.735	15.772	VV	8723	167935	6.42%	0.361%	
250	15.792	15.772	15.818	VV	8952	216701	7.28%	0.361%	
251	15.844	15.818	15.904	VV	15824	525011	19.84%	0.361%	
252	15.929	15.904	15.943	VV	6513	144762	5.94%	0.361%	
253	15.951	15.943	15.967	VV	6247	89854	3.28%	0.184%	
254	16.004	15.967	16.075	VV	65625	1272466	46.44%	2.611%	
255	16.102	16.075	16.140	VV	10652	338512	12.36%	0.695%	
256	16.168	16.140	16.210	VV	10152	321801	11.75%	0.660%	
257	16.294	16.210	16.330	VV	169635	2506754	91.49%	5.144%	
258	16.355	16.330	16.391	VV	9413	242556	8.85%	0.498%	
259	16.407	16.391	16.425	VV	5248	105674	3.86%	0.217%	
260	16.440	16.425	16.470	VV	6296	145106	5.30%	0.298%	
261	16.503	16.470	16.538	VV	10553	275760	10.06%	0.566%	
262	16.551	16.538	16.579	VV	5017	109040	3.98%	0.224%	
263	16.600	16.579	16.632	VV	4058	119369	4.36%	0.245%	
264	16.665	16.632	16.709	VV	76566	1230047	44.90%	2.524%	
265	16.729	16.709	16.762	VV	5329	145606	5.31%	0.299%	
266	16.776	16.762	16.808	VV	5137	99799	3.64%	0.205%	
267	16.854	16.808	16.893	VV	7172	177546	6.48%	0.364%	
268	16.908	16.893	16.927	VV	2632	47024	1.72%	0.096%	
269	16.931	16.927	16.935	VV	1936	9707	0.35%	0.020%	
270	16.989	16.935	17.020	VV	105217	1471793	53.72%	3.020%	
271	17.031	17.020	17.121	VV	11570	282505	10.31%	0.580%	
272	17.147	17.121	17.177	VV	5276	106170	3.88%	0.218%	
273	17.206	17.177	17.210	VV	3185	47888	1.75%	0.098%	
274	17.247	17.210	17.279	VV	157263	2119601	77.36%	4.350%	
275	17.297	17.279	17.306	VV	3886	49358	1.80%	0.101%	
276	17.327	17.306	17.359	VV	12817	218799	7.99%	0.449%	
277	17.364	17.359	17.421	VV	2707	45234	1.65%	0.093%	
278	17.434	17.421	17.439	PV	123	704	0.03%	0.001%	
279	17.482	17.439	17.500	PBA	2549	51518	1.88%	0.106%	
Sum of corrected areas:					48731802				

Instrument :
FID_F
ClientSampleId :
NORTH-SIDEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

FF090525.M Fri Sep 19 04:28:52 2025

Report of Analysis

Client:	ATG-GREENVILLE ARR		Date Collected:	09/16/25	
Project:	ARR-2025-0043		Date Received:	09/17/25	
Client Sample ID:	NORTH-SIDEMSD		SDG No.:	Q3124	
Lab Sample ID:	Q3124-03MSD		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	85.4	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016400.D	1	09/18/25 08:30	09/18/25 15:50	PB169737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	13000		197	1950	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	10.8		37 - 130	54%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
 Data File : FF016400.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2025 15:50
 Operator : YP\AJ
 Sample : Q3124-03MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 NORTH-SIDEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2025
 Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e
 Quant Time: Sep 19 04:07:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.068	1404040	10.843 ug/ml
Target Compounds			
2) N-DECANE	4.586	1893071	14.217 ug/ml
3) N-DODECANE	6.764	1981665	14.577 ug/ml
4) N-TETRADECANE	8.597	2033437	14.585 ug/ml
5) N-HEXADECANE	10.206	2091952	14.726 ug/ml
6) N-OCTADECANE	11.651	2203436	14.988 ug/ml
7) N-EICOSANE	12.965	2321771	15.564 ug/ml
8) N-DOCOSANE	14.165	2261883	15.556 ug/ml
10) N-TETRACOSANE	15.272	2289392	15.798 ug/ml
11) N-HEXACOSANE	16.296	2169867	15.186 ug/mlm
12) N-OCTACOSANE	17.248	2077996	14.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
Data File : FF016400.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 15:50
Operator : YP\AJ
Sample : Q3124-03MSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

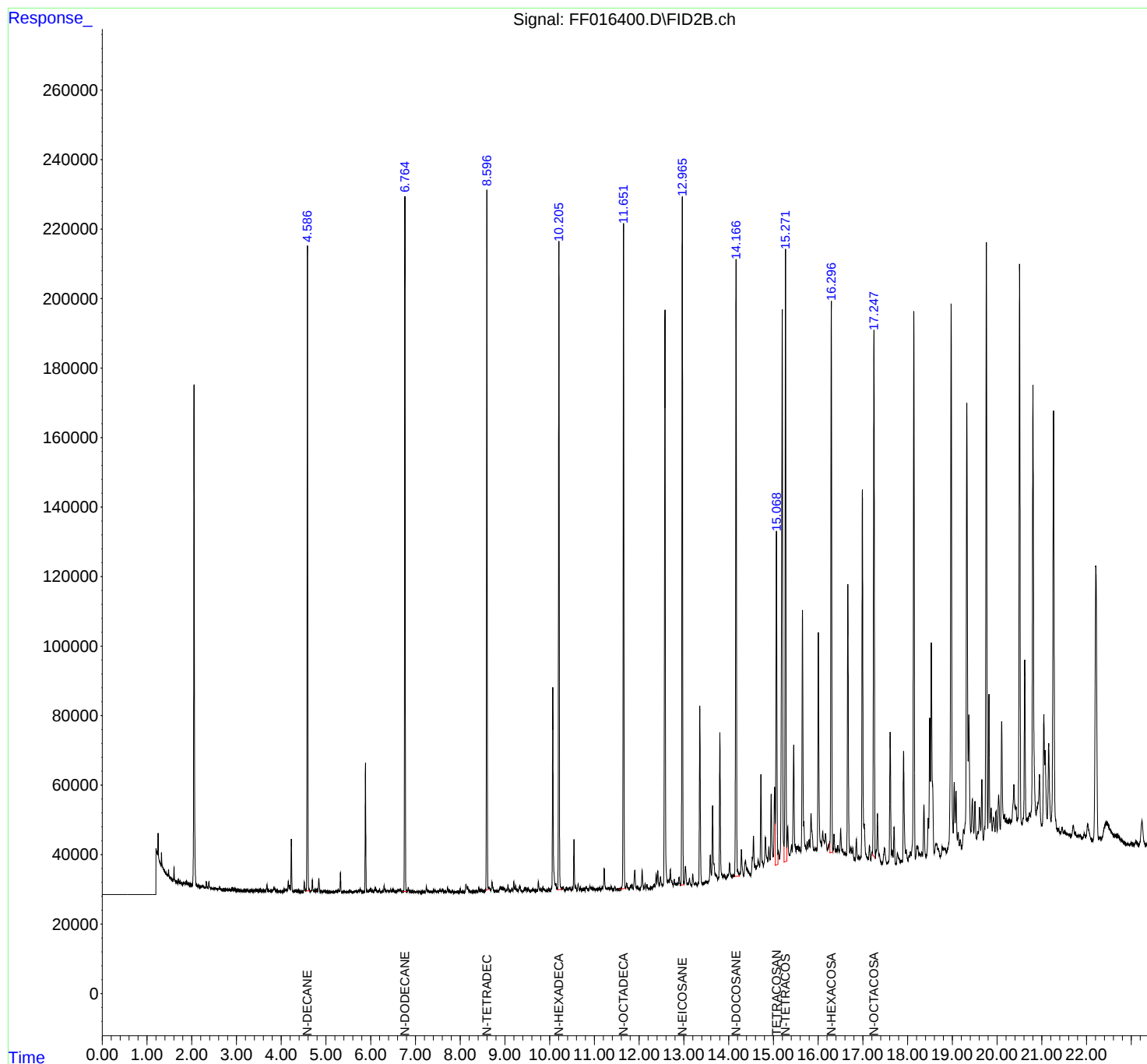
Instrument :
FID_F
ClientSampleId :
NORTH-SIDEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e
Quant Time: Sep 19 04:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
Quant Title :
QLast Update : Fri Sep 05 15:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rtres

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF09182
Data File : FF016400.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2025 15:50
Sample : Q3124-03MSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File: Sample.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.457	4.429	4.486	BV	95	939	0.03%	0.002%
2	4.516	4.486	4.557	PV	2750	38250	1.36%	0.079%
3	4.586	4.557	4.649	VV	185951	1908088	67.79%	3.918%
4	4.665	4.649	4.675	VV	371	4753	0.17%	0.010%
5	4.696	4.675	4.737	VV	3474	41223	1.46%	0.085%
6	4.749	4.737	4.767	VV	696	8546	0.30%	0.018%
7	4.780	4.767	4.797	VV	546	7637	0.27%	0.016%
8	4.808	4.797	4.819	VV	445	5210	0.19%	0.011%
9	4.841	4.819	4.882	VV	3930	53487	1.90%	0.110%
10	4.897	4.882	4.931	VV	180	3470	0.12%	0.007%
11	4.957	4.931	5.021	VV	351	11042	0.39%	0.023%
12	5.030	5.021	5.047	VV	144	1563	0.06%	0.003%
13	5.051	5.047	5.064	VV	204	1299	0.05%	0.003%
14	5.071	5.064	5.085	VV	158	1151	0.04%	0.002%
15	5.096	5.085	5.113	VV	251	2097	0.07%	0.004%
16	5.130	5.113	5.172	PV	232	4819	0.17%	0.010%
17	5.182	5.172	5.198	VV	231	1700	0.06%	0.003%
18	5.218	5.198	5.231	VV	396	5163	0.18%	0.011%
19	5.243	5.231	5.257	VV	370	4173	0.15%	0.009%
20	5.277	5.257	5.304	VV	933	12858	0.46%	0.026%
21	5.324	5.304	5.360	VV	5719	57956	2.06%	0.119%
22	5.365	5.360	5.370	VV	143	554	0.02%	0.001%
23	5.379	5.370	5.395	VV	202	2062	0.07%	0.004%
24	5.403	5.395	5.420	VV	301	3469	0.12%	0.007%
25	5.423	5.420	5.434	VV	233	1403	0.05%	0.003%
26	5.438	5.434	5.456	VV	205	1511	0.05%	0.003%
27	5.490	5.456	5.508	VV	191	3615	0.13%	0.007%
28	5.529	5.508	5.555	VV	759	9996	0.36%	0.021%
29	5.566	5.555	5.588	VV	290	3671	0.13%	0.008%
30	5.595	5.588	5.603	VV	147	808	0.03%	0.002%
31	5.608	5.603	5.613	VV	128	595	0.02%	0.001%
32	5.631	5.613	5.638	VV	169	2079	0.07%	0.004%
33	5.666	5.638	5.709	VV	528	10460	0.37%	0.021%
34	5.730	5.709	5.743	VV	673	7827	0.28%	0.016%
35	5.761	5.743	5.775	VV	1043	13342	0.47%	0.027%
36	5.780	5.775	5.827	VV	761	9346	0.33%	0.019%

					retention	area	conc	conc
37	5.844	5.827	5.859	VV	198	2014	0.07%	0.004%
38	5.883	5.859	5.934	VV	37318	370682	1.32%	0.007%
39	5.968	5.934	5.981	VV	769	11410	0.03%	0.001%
40	5.996	5.981	6.026	VV	1158	18550	0.04%	0.002%
41	6.043	6.026	6.060	VV	771	8336	0.03%	0.001%
42	6.103	6.060	6.154	VV	1537	36355	0.05%	0.002%
43	6.158	6.154	6.162	VV	387	1819	0.06%	0.004%
44	6.170	6.162	6.178	VV	427	3279	0.12%	0.007%
45	6.198	6.178	6.237	VV	1113	15936	0.57%	0.033%
46	6.263	6.237	6.283	VV	447	7598	0.27%	0.016%
47	6.299	6.283	6.355	VV	1988	34410	1.22%	0.071%
48	6.372	6.355	6.400	VV	736	13145	0.47%	0.027%
49	6.406	6.400	6.425	VV	434	5585	0.20%	0.011%
50	6.446	6.425	6.466	VV	913	12067	0.43%	0.025%
51	6.486	6.466	6.502	VV	999	12899	0.46%	0.026%
52	6.517	6.502	6.547	VV	772	10453	0.37%	0.021%
53	6.557	6.547	6.580	VV	322	4047	0.14%	0.008%
54	6.599	6.580	6.612	VV	773	9512	0.34%	0.020%
55	6.625	6.612	6.656	VV	826	17778	0.63%	0.037%
56	6.666	6.656	6.700	VV	903	13776	0.49%	0.028%
57	6.715	6.700	6.732	VV	412	5877	0.21%	0.012%
58	6.764	6.732	6.809	VV	200411	1997983	70.99%	4.102%
59	6.815	6.809	6.823	VV	413	3267	0.12%	0.007%
60	6.839	6.823	6.871	VV	1497	21599	0.77%	0.044%
61	6.888	6.871	6.910	VV	394	6847	0.24%	0.014%
62	6.923	6.910	6.943	VV	368	5477	0.19%	0.011%
63	6.957	6.943	6.964	VV	342	3420	0.12%	0.007%
64	6.969	6.964	6.985	VV	308	3241	0.12%	0.007%
65	6.989	6.985	7.000	VV	274	1819	0.06%	0.004%
66	7.007	7.000	7.015	VV	267	1374	0.05%	0.003%
67	7.037	7.015	7.066	VV	392	7483	0.27%	0.015%
68	7.082	7.066	7.090	VV	337	3624	0.13%	0.007%
69	7.096	7.090	7.123	VV	340	3408	0.12%	0.007%
70	7.135	7.123	7.152	PV	167	2139	0.08%	0.004%
71	7.169	7.152	7.180	VV	257	2471	0.09%	0.005%
72	7.196	7.180	7.219	VV	280	3372	0.12%	0.007%
73	7.244	7.219	7.281	VV	1827	24782	0.88%	0.051%
74	7.290	7.281	7.323	VV	472	7592	0.27%	0.016%
75	7.337	7.323	7.341	VV	290	2474	0.09%	0.005%
76	7.346	7.341	7.367	VV	282	2322	0.08%	0.005%
77	7.407	7.367	7.421	VV	626	10838	0.39%	0.022%
78	7.441	7.421	7.471	VV	645	10969	0.39%	0.023%
79	7.492	7.471	7.513	VV	555	9270	0.33%	0.019%
80	7.548	7.513	7.573	VV	714	17105	0.61%	0.035%
81	7.598	7.573	7.655	VV	1085	24551	0.87%	0.050%
82	7.665	7.655	7.697	VV	245	4138	0.15%	0.008%
83	7.716	7.697	7.754	VV	1352	22017	0.78%	0.045%
84	7.759	7.754	7.789	VV	469	6078	0.22%	0.012%
85	7.818	7.789	7.827	VV	271	4894	0.17%	0.010%
86	7.831	7.827	7.859	VV	320	3562	0.13%	0.007%
87	7.867	7.859	7.870	VV	117	579	0.02%	0.001%
88	7.881	7.870	7.885	VV	170	1209	0.04%	0.002%
89	7.890	7.885	7.895	VV	225	993	0.04%	0.002%

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

Supervised By :mohammad ahmed 09/19/2025

							Instrument : FID_F	
							ClientSampleId : NORTH-SIDEMSD	
90	7.899	7.895	7.911	VV	216	1541	0.05%	0.003%
91	7.918	7.911	7.923	VV	158	807	Manual IntegrationsAPPROVED	
92	7.932	7.923	7.938	VV	291	1873		
93	7.940	7.938	7.958	VV	447	2369		
94	7.963	7.958	7.971	VV	138	797		
95	7.973	7.971	7.976	VV	104	262		
96	8.000	7.976	8.040	VV	1148	14610	0.52%	0.030%
97	8.058	8.040	8.087	VV	316	4600	0.16%	0.009%
98	8.089	8.087	8.093	VV	125	317	0.01%	0.001%
99	8.129	8.093	8.158	PV	2363	45691	1.62%	0.094%
100	8.170	8.158	8.235	VV	1667	31219	1.11%	0.064%
101	8.248	8.235	8.271	VV	274	4230	0.15%	0.009%
102	8.286	8.271	8.310	VV	377	4865	0.17%	0.010%
103	8.320	8.310	8.330	VV	184	1488	0.05%	0.003%
104	8.357	8.330	8.395	VV	372	7571	0.27%	0.016%
105	8.415	8.395	8.441	VV	1184	17484	0.62%	0.036%
106	8.455	8.441	8.479	VV	690	12745	0.45%	0.026%
107	8.487	8.479	8.503	VV	577	6028	0.21%	0.012%
108	8.509	8.503	8.535	VV	351	5287	0.19%	0.011%
109	8.597	8.535	8.650	VV	202193	2077806	73.82%	4.266%
110	8.655	8.650	8.689	VV	1035	20337	0.72%	0.042%
111	8.712	8.689	8.762	VV	2981	59570	2.12%	0.122%
112	8.766	8.762	8.771	VV	340	1809	0.06%	0.004%
113	8.780	8.771	8.785	VV	405	2873	0.10%	0.006%
114	8.788	8.785	8.809	VV	417	3669	0.13%	0.008%
115	8.826	8.809	8.840	VV	342	4552	0.16%	0.009%
116	8.850	8.840	8.863	VV	347	4165	0.15%	0.009%
117	8.896	8.863	8.912	VV	1653	28602	1.02%	0.059%
118	8.926	8.912	8.943	VV	1252	18763	0.67%	0.039%
119	8.955	8.943	8.973	VV	1178	17907	0.64%	0.037%
120	8.984	8.973	9.015	VV	1069	17925	0.64%	0.037%
121	9.036	9.015	9.050	VV	646	9215	0.33%	0.019%
122	9.068	9.050	9.094	VV	1953	25743	0.91%	0.053%
123	9.098	9.094	9.112	VV	306	2861	0.10%	0.006%
124	9.114	9.112	9.118	VV	317	1017	0.04%	0.002%
125	9.157	9.118	9.179	VV	1148	18208	0.65%	0.037%
126	9.198	9.179	9.224	VV	3008	37527	1.33%	0.077%
127	9.239	9.224	9.300	VV	1892	37019	1.32%	0.076%
128	9.322	9.300	9.330	VV	1493	18248	0.65%	0.037%
129	9.341	9.330	9.383	VV	1481	21094	0.75%	0.043%
130	9.384	9.383	9.390	VV	194	472	0.02%	0.001%
131	9.396	9.390	9.406	VV	144	641	0.02%	0.001%
132	9.424	9.406	9.430	PV	535	4784	0.17%	0.010%
133	9.445	9.430	9.461	VV	1298	15738	0.56%	0.032%
134	9.474	9.461	9.498	VV	1278	15205	0.54%	0.031%
135	9.518	9.498	9.558	VV	1114	17401	0.62%	0.036%
136	9.562	9.558	9.566	VV	98	416	0.01%	0.001%
137	9.594	9.566	9.604	VV	519	6732	0.24%	0.014%
138	9.619	9.604	9.631	VV	813	10249	0.36%	0.021%
139	9.634	9.631	9.669	VV	635	8968	0.32%	0.018%
140	9.692	9.669	9.703	VV	378	5848	0.21%	0.012%
141	9.716	9.703	9.728	VV	327	3823	0.14%	0.008%

North-Side MS							North-Side MS	
142	9.748	9.728	9.785	VV	2917	43317	1.54%	0.089%
143	9.801	9.785	9.825	VV	1046	13535	0.04%	0.002%
144	9.849	9.825	9.867	VV	1338	19385	0.05%	0.003%
145	9.882	9.867	9.910	VV	750	11968	0.03%	0.001%
146	9.943	9.910	9.960	VV	550	8579	0.02%	0.001%
147	9.984	9.960	10.004	VV	887	11630	0.03%	0.002%
148	10.041	10.004	10.045	VV	933	11929	0.42%	0.024%
149	10.070	10.045	10.129	VV	58682	725519	25.78%	1.490%
150	10.137	10.129	10.176	VV	2025	35674	1.27%	0.073%
151	10.206	10.176	10.273	VV	186989	2123158	75.43%	4.359%
152	10.291	10.273	10.298	VV	1028	13578	0.48%	0.028%
153	10.306	10.298	10.348	VV	1177	17347	0.62%	0.036%
154	10.367	10.348	10.376	VV	885	10814	0.38%	0.022%
155	10.388	10.376	10.408	VV	937	12814	0.46%	0.026%
156	10.430	10.408	10.444	VV	998	15403	0.55%	0.032%
157	10.456	10.444	10.487	VV	897	16733	0.59%	0.034%
158	10.504	10.487	10.519	VV	916	13983	0.50%	0.029%
159	10.543	10.519	10.568	VV	14877	169488	6.02%	0.348%
160	10.582	10.568	10.613	VV	1424	21865	0.78%	0.045%
161	10.635	10.613	10.668	VV	2018	35494	1.26%	0.073%
162	10.690	10.668	10.711	VV	1056	14077	0.50%	0.029%
163	10.732	10.711	10.745	PV	530	6271	0.22%	0.013%
164	10.761	10.745	10.789	VV	674	12052	0.43%	0.025%
165	10.816	10.789	10.877	VV	1336	33633	1.19%	0.069%
166	10.899	10.877	10.931	VV	1460	26711	0.95%	0.055%
167	10.942	10.931	10.957	VV	800	11132	0.40%	0.023%
168	10.966	10.957	10.981	VV	726	8667	0.31%	0.018%
169	10.998	10.981	11.020	VV	613	10697	0.38%	0.022%
170	11.047	11.020	11.063	VV	514	9239	0.33%	0.019%
171	11.079	11.063	11.098	VV	540	9230	0.33%	0.019%
172	11.116	11.098	11.151	VV	893	16877	0.60%	0.035%
173	11.171	11.151	11.187	VV	1055	14750	0.52%	0.030%
174	11.307	11.288	11.341	VV	800	17170	0.61%	0.035%
175	11.346	11.341	11.357	VV	460	3636	0.13%	0.007%
176	11.376	11.357	11.415	VV	1097	18479	0.66%	0.038%
177	11.419	11.415	11.433	VV	124	973	0.03%	0.002%
178	11.457	11.433	11.485	PV	1129	15906	0.57%	0.033%
179	11.503	11.485	11.531	VV	398	5341	0.19%	0.011%
180	11.539	11.531	11.547	VV	219	1597	0.06%	0.003%
181	11.564	11.547	11.571	VV	263	2540	0.09%	0.005%
182	11.591	11.571	11.597	VV	458	5211	0.19%	0.011%
183	11.651	11.597	11.702	VV	191908	2227533	79.14%	4.573%
184	11.723	11.702	11.777	VV	1939	40269	1.43%	0.083%
185	11.808	11.777	11.827	VV	1174	21363	0.76%	0.044%
186	11.844	11.827	11.865	VV	1424	20915	0.74%	0.043%
187	11.966	11.953	11.996	VV	691	11557	0.41%	0.024%
188	12.000	11.996	12.018	VV	290	2238	0.08%	0.005%
189	12.134	12.114	12.153	VV	1774	22022	0.78%	0.045%
190	12.175	12.153	12.219	VV	1460	21946	0.78%	0.045%
191	12.230	12.219	12.235	PV	182	953	0.03%	0.002%
192	12.268	12.235	12.292	VV	593	10585	0.38%	0.022%
193	12.332	12.292	12.356	VV	1366	31704	1.13%	0.065%
194	12.416	12.396	12.447	VV	5029	87382	3.10%	0.179%

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195	12.451	12.447	12.456	VV	1263	6936	0.25%	0.014%				
196	12.477	12.456	12.520	VV	3362	69716						
197	12.528	12.520	12.539	VV	1025	10740						
198	12.578	12.539	12.635	VV	166418	2222789	78					
199	12.650	12.635	12.665	VV	2252	34887						
200	12.697	12.665	12.761	VV	5244	131340						
201	12.784	12.761	12.805	VV	2314	36910	1.31%	0.076%				
202	12.816	12.805	12.825	VV	952	10297	0.37%	0.021%				
203	12.829	12.825	12.844	VV	847	9215	0.33%	0.019%				
204	12.858	12.844	12.871	VV	1149	15588	0.55%	0.032%				
205	12.893	12.871	12.928	VV	2776	50722	1.80%	0.104%				
206	12.965	12.928	13.006	VV	198611	2345771	83.34%	4.816%				
207	13.034	13.006	13.075	VV	5800	116953	4.16%	0.240%				
208	13.085	13.075	13.105	VV	894	14035	0.50%	0.029%				
209	13.125	13.105	13.164	VV	2235	38921	1.38%	0.080%				
210	13.244	13.237	13.250	VV	417	3231	0.11%	0.007%				
211	13.265	13.250	13.304	VV	849	13808	0.49%	0.028%				
212	13.319	13.304	13.328	PV	761	7351	0.26%	0.015%				
213	13.356	13.328	13.411	VV	51494	720584	25.60%	1.479%				
214	13.417	13.411	13.427	VV	334	2851	0.10%	0.006%				
215	13.448	13.427	13.457	VV	674	7937	0.28%	0.016%				
216	13.489	13.457	13.499	VV	901	17460	0.62%	0.036%				
217	13.503	13.499	13.513	VV	753	5845	0.21%	0.012%				
218	13.519	13.513	13.539	VV	697	8922	0.32%	0.018%				
219	13.642	13.617	13.667	VV	22495	335513	11.92%	0.689%				
220	13.672	13.667	13.720	VV	5764	112225	3.99%	0.230%				
221	13.730	13.720	13.757	VV	2331	40867	1.45%	0.084%				
222	13.804	13.757	13.870	VV	43219	650621	23.12%	1.336%				
223	13.892	13.870	13.915	VV	2145	47863	1.70%	0.098%				
224	13.918	13.915	13.943	VV	1762	23156	0.82%	0.048%				
225	13.960	13.943	13.968	VV	1670	20274	0.72%	0.042%				
226	13.984	13.968	13.995	VV	2132	30030	1.07%	0.062%				
227	14.022	13.995	14.080	VV	5259	134738	4.79%	0.277%				
228	14.103	14.080	14.127	VV	1899	43830	1.56%	0.090%				
229	14.165	14.127	14.241	VV	178288	2352315	83.57%	4.830%				
230	14.255	14.241	14.261	VV	2084	22680	0.81%	0.047%				
231	14.377	14.336	14.421	VV	5549	182433	6.48%	0.375%				
232	14.529	14.494	14.537	VV	6169	89574	3.18%	0.184%				
233	14.593	14.581	14.609	VV	3831	57897	2.06%	0.119%				
234	14.629	14.609	14.641	VV	3662	63645	2.26%	0.131%				
235	14.658	14.641	14.695	VV	5337	138880	4.93%	0.285%				
236	14.721	14.695	14.754	VV	29825	462004	16.41%	0.949%				
237	14.758	14.754	14.777	VV	4477	55035	1.96%	0.113%				
238	14.821	14.777	14.874	VV	11529	376637	13.38%	0.773%				
239	14.899	14.874	14.925	VV	8623	191744	6.81%	0.394%				
240	14.950	14.925	14.994	VV	23832	470752	16.73%	0.967%				
241	15.027	14.994	15.043	VV	25697	465063	16.52%	0.955%				
242	15.068	15.043	15.101	VV	99328	1517159	53.90%	3.115%				
243	15.113	15.101	15.140	VV	7120	142443	5.06%	0.292%				
244	15.198	15.140	15.238	VV	162993	2814627	100.00%	5.779%				
245	15.272	15.238	15.301	VV	180223	2437992	86.62%	5.006%				
246	15.321	15.301	15.356	VV	13914	307299	10.92%	0.631%				

Instrument :

FID_F

ClientSampleId :

NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025

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247	15.359	15.356	15.366	VV	5872	33947	1.21%	0.070%	
248	15.407	15.366	15.421	VV	8671	230662			
249	15.455	15.421	15.504	VV	37147	798835			
250	15.519	15.504	15.538	VV	7955	146273			
251	15.556	15.538	15.574	VV	7911	161826			
252	15.591	15.574	15.614	VV	7611	164422			
253	15.651	15.614	15.678	VV	75512	1195606	42.48%	2.455%	
254	15.682	15.678	15.737	VV	14544	322972	11.47%	0.663%	
255	15.756	15.737	15.777	VV	8930	188473	6.70%	0.387%	
256	15.795	15.777	15.818	VV	9275	206182	7.33%	0.423%	
257	15.842	15.818	15.907	VV	16854	560295	19.91%	1.150%	
258	15.912	15.907	15.917	VV	6225	34035	1.21%	0.070%	
259	15.933	15.917	15.948	VV	6803	120188	4.27%	0.247%	
260	15.958	15.948	15.964	VV	6446	63346	2.25%	0.130%	
261	16.005	15.964	16.077	VV	68726	1353601	48.09%	2.779%	
262	16.103	16.077	16.139	VV	11249	341631	12.14%	0.701%	
263	16.166	16.139	16.208	VV	10712	340939	12.11%	0.700%	
264	16.236	16.208	16.240	VV	7098	124424	4.42%	0.255%	
265	16.295	16.240	16.330	VV	162404	2474508	87.92%	5.081%	
266	16.407	16.398	16.423	VV	5671	84849	3.01%	0.174%	
267	16.442	16.423	16.471	VV	6801	164758	5.85%	0.338%	
268	16.538	16.533	16.547	VV	5275	43256	1.54%	0.089%	
269	16.551	16.547	16.580	VV	5048	90920	3.23%	0.187%	
270	16.597	16.580	16.630	VV	4531	124406	4.42%	0.255%	
271	16.665	16.630	16.713	VV	81526	1293500	45.96%	2.656%	
272	16.727	16.713	16.762	VV	5754	142219	5.05%	0.292%	
273	16.778	16.762	16.810	VV	5501	111306	3.95%	0.229%	
274	16.855	16.810	16.892	VV	7950	189302	6.73%	0.389%	
275	16.909	16.892	16.935	VV	2906	65777	2.34%	0.135%	
276	16.989	16.935	17.023	VV	108237	1569746	55.77%	3.223%	
277	17.030	17.023	17.107	VV	12138	269691	9.58%	0.554%	
278	17.109	17.107	17.121	VV	2152	17026	0.60%	0.035%	
279	17.147	17.121	17.178	VV	5594	112990	4.01%	0.232%	
280	17.248	17.178	17.280	VV	153640	2232807	79.33%	4.584%	

Sum of corrected areas: 48705242

FF090525.M Fri Sep 19 04:30:11 2025

Instrument :
FID_F
ClientSampleId :
NORTH-SIDEMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/19/2025
Supervised By :mohammad ahmed 09/19/2025

Manual Integration Report

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3124-03MS		FF016399.D	FF091825	N-HEXACOSANE	mohammad	9/19/2025 7:51:23 AM	Peak Integrated by Software incorrectly
Q3124-03MSD		FF016400.D	FF091825	N-HEXACOSANE	mohammad	9/19/2025 7:51:23 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
5 TRPH STD		FG016559.D	FG090525	N-HEXATRIACONTANE	mohammad	9/9/2025 12:27:44 AM	Peak Integrated by Software incorrectly
FG090525ICV		FG016560.D	FG090525	N-OCTATRIACONTANE	mohammad	9/9/2025 12:27:44 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3124-02		FG016621.D	FG091825	TETRACOSANE-d50 (SURROGA	mohammad	9/19/2025 1:53:18 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090525

Review By	yogesh	Review On	9/5/2025 11:10:24 AM
Supervise By	mohammad	Supervise On	9/9/2025 12:27:38 AM
SubDirectory	FF090525	HP Acquire Method	HP Processing Method FF090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016333.D	05 Sep 2025 09:26	YP\AJ	Ok
2	I.BLK	FF016334.D	05 Sep 2025 09:55	YP\AJ	Ok
3	100 TRPH STD	FF016335.D	05 Sep 2025 10:25	YP\AJ	Ok
4	50 TRPH STD	FF016336.D	05 Sep 2025 10:55	YP\AJ	Ok
5	20 TRPH STD	FF016337.D	05 Sep 2025 11:24	YP\AJ	Ok
6	10 TRPH STD	FF016338.D	05 Sep 2025 11:54	YP\AJ	Ok
7	5 TRPH STD	FF016339.D	05 Sep 2025 12:24	YP\AJ	Ok,M
8	100 TRPH STD	FF016340.D	05 Sep 2025 14:55	YP\AJ	Ok
9	FF090525ICV	FF016341.D	05 Sep 2025 15:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF091825

Review By	yogesh	Review On	9/18/2025 9:21:22 AM
Supervise By	mohammad	Supervise On	9/19/2025 7:51:23 AM
SubDirectory	FF091825	HP Acquire Method	HP Processing Method FF090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016389.D	18 Sep 2025 06:19	YP\AJ	Ok
2	I.BLK	FF016390.D	18 Sep 2025 07:55	YP\AJ	Ok
3	50 PPM TRPH STD	FF016391.D	18 Sep 2025 08:24	YP\AJ	Ok
4	RT MARKER	FF016392.D	18 Sep 2025 08:53	YP\AJ	Ok
5	PB169737BL	FF016393.D	18 Sep 2025 11:53	YP\AJ	Ok
6	PB169737BS	FF016394.D	18 Sep 2025 12:52	YP\AJ	Ok
7	Q3124-01	FF016395.D	18 Sep 2025 13:22	YP\AJ	Ok
8	Q3124-03	FF016396.D	18 Sep 2025 13:51	YP\AJ	Ok
9	I.BLK	FF016397.D	18 Sep 2025 14:21	YP\AJ	Ok
10	50 PPM TRPH STD	FF016398.D	18 Sep 2025 14:50	YP\AJ	Ok
11	Q3124-03MS	FF016399.D	18 Sep 2025 15:20	YP\AJ	Ok,M
12	Q3124-03MSD	FF016400.D	18 Sep 2025 15:50	YP\AJ	Ok,M
13	I.BLK	FF016401.D	18 Sep 2025 16:49	YP\AJ	Ok
14	50 PPM TRPH STD	FF016402.D	18 Sep 2025 17:19	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG090525

Review By	yogesh	Review On	9/5/2025 11:12:03 AM
Supervise By	mohammad	Supervise On	9/9/2025 12:27:44 AM
SubDirectory	FG090525	HP Acquire Method	HP Processing Method FG090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016553.D	05 Sep 2025 08:56	YP\AJ	Ok
2	I.BLK	FG016554.D	05 Sep 2025 09:26	YP\AJ	Ok
3	100 TRPH STD	FG016555.D	05 Sep 2025 09:55	YP\AJ	Ok
4	50 TRPH STD	FG016556.D	05 Sep 2025 10:25	YP\AJ	Ok
5	20 TRPH STD	FG016557.D	05 Sep 2025 10:55	YP\AJ	Ok
6	10 TRPH STD	FG016558.D	05 Sep 2025 11:24	YP\AJ	Ok
7	5 TRPH STD	FG016559.D	05 Sep 2025 11:54	YP\AJ	Ok,M
8	FG090525ICV	FG016560.D	05 Sep 2025 12:24	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG091825

Review By	yogesh	Review On	9/18/2025 9:20:20 AM
Supervise By	mohammad	Supervise On	9/19/2025 1:53:18 AM
SubDirectory	FG091825	HP Acquire Method	HP Processing Method FG090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24469 PP24468,PP24473		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016612.D	18 Sep 2025 06:19	YP\AJ	Ok
2	I.BLK	FG016613.D	18 Sep 2025 07:55	YP\AJ	Ok
3	50 PPM TRPH STD	FG016614.D	18 Sep 2025 08:24	YP\AJ	Ok
4	RT MARKER	FG016615.D	18 Sep 2025 08:53	YP\AJ	Ok
5	PB169733BL	FG016616.D	18 Sep 2025 09:23	YP\AJ	Ok
6	PB169733BS	FG016617.D	18 Sep 2025 09:52	YP\AJ	Ok
7	PB169733BSD	FG016618.D	18 Sep 2025 10:54	YP\AJ	Ok
8	Q3015-19	FG016619.D	18 Sep 2025 11:23	YP\AJ	Dilution
9	Q3015-19	FG016620.D	18 Sep 2025 12:22	YP\AJ	Ok
10	Q3124-02	FG016621.D	18 Sep 2025 12:52	YP\AJ	Ok,M
11	Q3124-04	FG016622.D	18 Sep 2025 13:22	YP\AJ	Ok
12	I.BLK	FG016623.D	18 Sep 2025 13:51	YP\AJ	Ok
13	50 PPM TRPH STD	FG016624.D	18 Sep 2025 14:21	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090525

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

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016333.D	05 Sep 2025 09:26		YP\AJ	Ok
2	I.BLK		FF016334.D	05 Sep 2025 09:55		YP\AJ	Ok
3	100 TRPH STD		FF016335.D	05 Sep 2025 10:25		YP\AJ	Ok
4	50 TRPH STD		FF016336.D	05 Sep 2025 10:55		YP\AJ	Ok
5	20 TRPH STD		FF016337.D	05 Sep 2025 11:24		YP\AJ	Ok
6	10 TRPH STD		FF016338.D	05 Sep 2025 11:54		YP\AJ	Ok
7	5 TRPH STD		FF016339.D	05 Sep 2025 12:24		YP\AJ	Ok,M
8	100 TRPH STD		FF016340.D	05 Sep 2025 14:55		YP\AJ	Ok
9	FF090525ICV		FF016341.D	05 Sep 2025 15:25		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF091825

Review By	yogesh	Review On	9/18/2025 9:21:22 AM
Supervise By	mohammad	Supervise On	9/19/2025 7:51:23 AM
SubDirectory	FF091825	HP Acquire Method	HP Processing Method FF090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM			
ICV/I.BLK	PP24468,PP24473		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016389.D	18 Sep 2025 06:19		YPIAJ	Ok
2	I.BLK		FF016390.D	18 Sep 2025 07:55		YPIAJ	Ok
3	50 PPM TRPH STD		FF016391.D	18 Sep 2025 08:24		YPIAJ	Ok
4	RT MARKER		FF016392.D	18 Sep 2025 08:53		YPIAJ	Ok
5	PB169737BL		FF016393.D	18 Sep 2025 11:53		YPIAJ	Ok
6	PB169737BS		FF016394.D	18 Sep 2025 12:52		YPIAJ	Ok
7	Q3124-01		FF016395.D	18 Sep 2025 13:22		YPIAJ	Ok
8	Q3124-03		FF016396.D	18 Sep 2025 13:51		YPIAJ	Ok
9	I.BLK		FF016397.D	18 Sep 2025 14:21		YPIAJ	Ok
10	50 PPM TRPH STD		FF016398.D	18 Sep 2025 14:50		YPIAJ	Ok
11	Q3124-03MS		FF016399.D	18 Sep 2025 15:20		YPIAJ	Ok,M
12	Q3124-03MSD		FF016400.D	18 Sep 2025 15:50		YPIAJ	Ok,M
13	I.BLK		FF016401.D	18 Sep 2025 16:49		YPIAJ	Ok
14	50 PPM TRPH STD		FF016402.D	18 Sep 2025 17:19		YPIAJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG090525

Review By	yogesh	Review On	9/5/2025 11:12:03 AM
Supervise By	mohammad	Supervise On	9/9/2025 12:27:44 AM
SubDirectory	FG090525	HP Acquire Method	HP Processing Method FG090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24468,PP24473		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016553.D	05 Sep 2025 08:56		YP\AJ	Ok
2	I.BLK		FG016554.D	05 Sep 2025 09:26		YP\AJ	Ok
3	100 TRPH STD		FG016555.D	05 Sep 2025 09:55		YP\AJ	Ok
4	50 TRPH STD		FG016556.D	05 Sep 2025 10:25		YP\AJ	Ok
5	20 TRPH STD		FG016557.D	05 Sep 2025 10:55		YP\AJ	Ok
6	10 TRPH STD		FG016558.D	05 Sep 2025 11:24		YP\AJ	Ok
7	5 TRPH STD		FG016559.D	05 Sep 2025 11:54		YP\AJ	Ok,M
8	FG090525ICV		FG016560.D	05 Sep 2025 12:24		YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG091825

Review By	yogesh	Review On	9/18/2025 9:20:20 AM
Supervise By	mohammad	Supervise On	9/19/2025 1:53:18 AM
SubDirectory	FG091825	HP Acquire Method	HP Processing Method FG090525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24467,PP24469,PP24470,PP24471,PP24472		
CCC	PP24469		
Internal Standard/PEM	PP24468,PP24473		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG016612.D	18 Sep 2025 06:19		YP\AJ	Ok
2	I.BLK		FG016613.D	18 Sep 2025 07:55		YP\AJ	Ok
3	50 PPM TRPH STD		FG016614.D	18 Sep 2025 08:24		YP\AJ	Ok
4	RT MARKER		FG016615.D	18 Sep 2025 08:53		YP\AJ	Ok
5	PB169733BL		FG016616.D	18 Sep 2025 09:23		YP\AJ	Ok
6	PB169733BS		FG016617.D	18 Sep 2025 09:52		YP\AJ	Ok
7	PB169733BSD		FG016618.D	18 Sep 2025 10:54		YP\AJ	Ok
8	Q3015-19		FG016619.D	18 Sep 2025 11:23	Need 5X	YP\AJ	Dilution
9	Q3015-19		FG016620.D	18 Sep 2025 12:22		YP\AJ	Ok
10	Q3124-02		FG016621.D	18 Sep 2025 12:52		YP\AJ	Ok,M
11	Q3124-04		FG016622.D	18 Sep 2025 13:22		YP\AJ	Ok
12	I.BLK		FG016623.D	18 Sep 2025 13:51		YP\AJ	Ok
13	50 PPM TRPH STD		FG016624.D	18 Sep 2025 14:21		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/18/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137212

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
Q3123-01	TP-2	1	1.14	10.76	11.9	10.88	90.5	
Q3124-01	WEST-SIDE	2	1.19	10.48	11.67	10.63	90.1	
Q3124-03	NORTH-SIDE	3	1.12	11.10	12.22	10.6	85.4	
Q3126-01	OK-01-091725	4	1.15	10.74	11.89	11.5	96.4	
Q3126-02	OK-01-091725-E2	5	1.12	10.74	11.86	11.22	94.0	

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

JB 137212

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-091725 WorkList ID : 191920 Department : Wet-Chemistry Date : 09-17-2025 10:33:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3123-01	TP-2	Solid	Percent Solids	Cool 4 deg C	CAMP02	J31	09/16/2025	Chemtech -SO
Q3124-01	WEST-SIDE	Solid	Percent Solids	Cool 4 deg C	ATGG02	D31	09/16/2025	Chemtech -SO
Q3124-03	NORTH-SIDE	Solid	Percent Solids	Cool 4 deg C	ATGG02	D31	09/16/2025	Chemtech -SO
Q3126-01	OK-01-091725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/17/2025	Chemtech -SO
Q3126-02	OK-01-091725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/17/2025	Chemtech -SO

Date/Time 09-17-25 15:10
Raw Sample Received by: JB (CoolC)
Raw Sample Relinquished by: RJ C (E-24-1066)

Date/Time 09-17-25 17:20
Raw Sample Received by: RJ C (E-24-1066)
Raw Sample Relinquished by: JB (CoolC)

SOP ID: M3510C,3580A-Extraction DRO-13

Clean Up SOP #: N/A

Extraction Start Date : 09/17/2025

Matrix : Water

Extraction Start Time : 12:20

Weigh By: N/A

Extraction By: RJ

Extraction End Date : 09/17/2025

Balance check: N/A

Filter By: RJ

Extraction End Time : 16:35

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3953

Hood ID: 4,6,7

Supervisor By : ritesh

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	20 PPM	PP24596
Spike Sol 1	1.0ML	20 PPM	PP24583
N/A	N/A	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
Methylene Chloride	N/A	E3973
Baked Na2SO4	N/A	EP2639
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
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: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

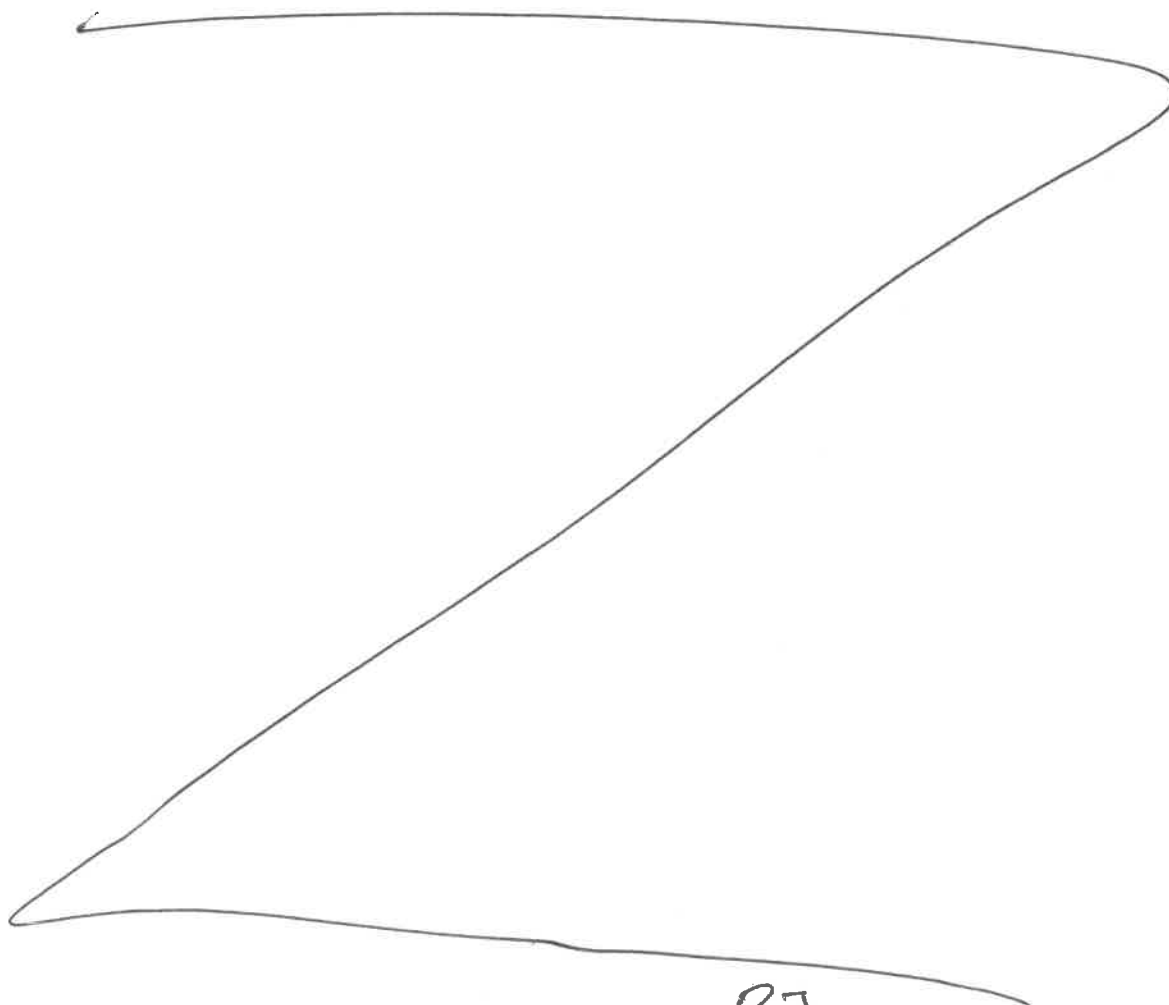
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25 16:40	RJ (E-1 Lab) Preparation Group	R. Pest-PCB Lab Analysis Group

Analytical Method: M3510C,3580A-Extraction DRO-13

Concentration Date: 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169733BL	PB169733BL	Diesel Range Organics	1000	6	ritesh	Evelyn	1			SEP-1
PB169733BS	PB169733BS	Diesel Range Organics	1000	6	ritesh	Evelyn	1			2
PB169733BSD	PB169733BSD	Diesel Range Organics	1000	6	ritesh	Evelyn	1			3
Q3015-19	WP0925-RR-DIES-WP	Diesel Range Organics	1000	6	ritesh	Evelyn	1			4
Q3124-02	WEST-SIDE	Diesel Range Organics	840	6	ritesh	Evelyn	1			5
Q3124-04	NORTH-SIDE	Diesel Range Organics	850	6	ritesh	Evelyn	1			6



RJ
9/17

164733
12:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3124 WorkList ID : 191925 Department : Extraction Date : 09-17-2025 12:15:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-19	WP0925-RR-DIES-WP	Water	Diesel Range Organics	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8015D
Q3124-02	WEST-SIDE	Water	Diesel Range Organics	Cool 4 deg C	ATGG02	D31	09/16/2025	8015D
Q3124-04	NORTH-SIDE	Water	Diesel Range Organics	Cool 4 deg C	ATGG02	D31	09/16/2025	8015D

Date/Time 09/17/25 12:15
Raw Sample Received by: RJ LERQ-1066
Raw Sample Relinquished by: JDCSM

Date/Time 09/17/25 12:40
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: RJ LERQ-1066

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A **Extraction Start Date :** 09/18/2025

Matrix : Solid **Extraction Start Time :** 08:30

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 09/18/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 11:40

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

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

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

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

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2639
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673.

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

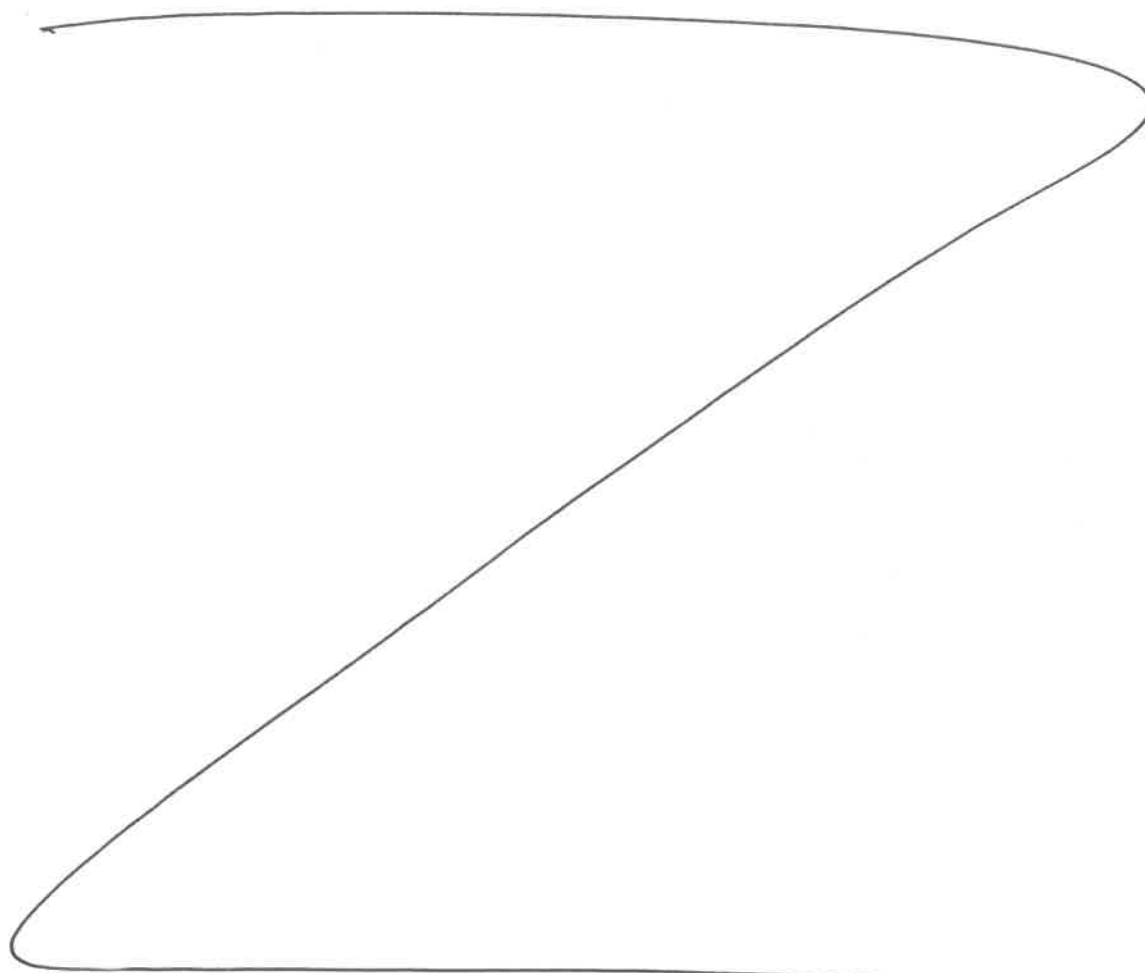
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/18/25	RJ (Ext-106)	R. Perla-PCB Lab
11:45	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/18/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169737BL	PB169737BL	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1			U2-1
PB169737BS	PB169737BS	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1			2
Q3124-01	WEST-SIDE	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1			3
Q3124-03	NORTH-SIDE	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1			4
Q3124-03MS	NORTH-SIDEMS	Diesel Range Organics	30.08	N/A	ritesh	Evelyn	1			5
Q3124-03MS D	NORTH-SIDEMSD	Diesel Range Organics	30.06	N/A	ritesh	Evelyn	1			6



RJ
9/18

164737
08:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3124D WorkList ID : 191932 Department : Extraction Date : 09-18-2025 08:25:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3124-01	WEST-SIDE	Solid	Diesel Range Organics	Cool 4 deg C	ATGG02	D31	09/16/2025	8015D
Q3124-03	NORTH-SIDE	Solid	Diesel Range Organics	Cool 4 deg C	ATGG02	D31	09/16/2025	8015D

Date/Time 09/18/25 8:25
Raw Sample Received by: RJ (EAT-106)
Raw Sample Relinquished by: RJ (EAT-106)

Date/Time 09/18/25 8:40
Raw Sample Received by: af (WDC)
Raw Sample Relinquished by: RJ (EAT-106)



SHIPPING DOCUMENTS



WORK OPENED

1

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