

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:	P4599	OrderDate:	10/28/2024 3:59:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	EX-1-TPH-1	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-02	EX-1-TPH-2	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-03	EX-1-TPH-3	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-04	EX-1-TPH-4	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-05	EX-1-TPH-5	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-06	EX-1-TPH-6	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-07	EX-1-TPH-7	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	

LAB CHRONICLE

P4599-08	EX-1-TPH-8	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-09	EX-1-TPH-9	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: ENTACT
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF014845.D	83				0
PIBLK-FF014857.D	83				0
PIBLK-FF014860.D	85				0
PIBLK-FF014866.D	84				0
EX-1-TPH-1	0 *				1
EX-1-TPH-2	0 *				1
EX-1-TPH-3	0 *				1
EX-1-TPH-4	0 *				1
EX-1-TPH-5	0 *				1
EX-1-TPH-6	0 *				1
EX-1-TPH-7	70				0
EX-1-TPH-7MS	56				0
EX-1-TPH-7MSD	55				0
EX-1-TPH-8	0 *				1
EX-1-TPH-9	0 *				1
PB164527BL	74				0
PB164527BS	73				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: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4599 **SAS No :** P4599 **SDG No:** P4599
Client SampleID : EX-1-TPH-7MS **Datafile:** FF014850.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
DRO	8059	5480	11962	80%		68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4599 **SAS No :** P4599 **SDG No:** P4599
Client SampleID : EX-1-TPH-7MSD **Datafile:** FF014851.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
DRO	8037	5480	11838	79%		68-131

MS/MSD % Recovery RPD : 1.6

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

Lab Name: Chemtech Client: ENTACT
Lab Code: CHEM Cas No: P4599 SAS No : P4599 SDG No: P4599
Matrix Spike - EPA Sample No : PB164527BS Datafile: FF014848.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
DRO	6662	0	6265	94	68-131

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164527BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4599

SAS No.: P4599 SDG NO.: P4599

Lab File ID: FF014847.D

Lab Sample ID: PB164527BL

Instrument ID: FF

Date Extracted: 10/30/2024

Matrix: (soil/water) Soil

Date Analyzed: 10/30/24

Level: (low/med) low

Time Analyzed: 19:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164527BS	PB164527BS	FF014848.D	10/30/24
EX-1-TPH-7	P4599-07	FF014849.D	10/30/24
EX-1-TPH-7MS	P4599-07MS	FF014850.D	10/30/24
EX-1-TPH-7MSD	P4599-07MSD	FF014851.D	10/30/24
EX-1-TPH-1	P4599-01	FF014852.D	10/30/24
EX-1-TPH-2	P4599-02	FF014853.D	10/30/24
EX-1-TPH-3	P4599-03	FF014854.D	10/30/24
EX-1-TPH-4	P4599-04	FF014855.D	10/30/24
EX-1-TPH-5	P4599-05	FF014856.D	10/31/24
EX-1-TPH-6	P4599-06	FF014863.D	10/31/24
EX-1-TPH-8	P4599-08	FF014864.D	10/31/24
EX-1-TPH-9	P4599-09	FF014865.D	10/31/24

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	81.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014852.D	50	10/30/24 08:00	10/30/24 22:21	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1240000		11400	102000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103024\
Data File : FF014852.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 22:21
Operator : YP\AJ
Sample : P4599-01 50X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-1

Integration File: autoint1.e
Quant Time: Nov 01 01:46:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

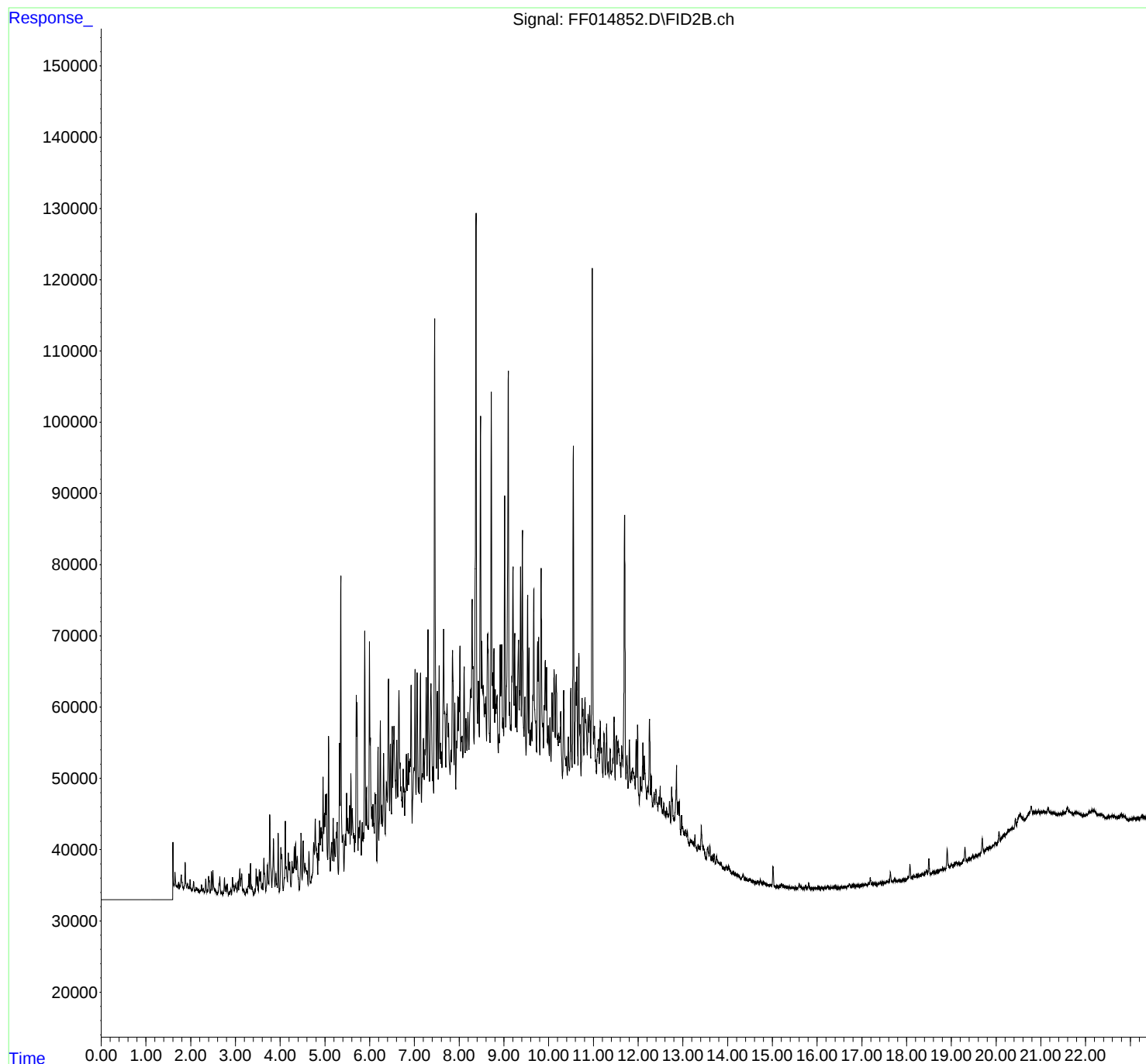
(m)=manual int.

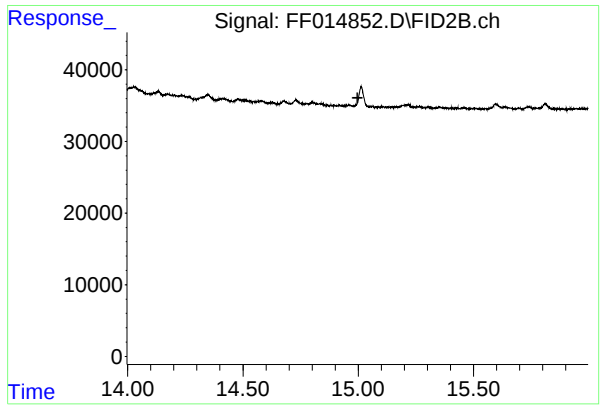
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014852.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 22:21
Operator : YP\AJ
Sample : P4599-01 50X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-1

Integration File: autoint1.e
Quant Time: Nov 01 01:46:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014852.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 22:21
 Sample : P4599-01 50X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.468	4.418	4.493	BV	7336	94107	4.84%	0.106%
2	4.513	4.493	4.540	VV	6254	98434	5.06%	0.111%
3	4.555	4.540	4.598	VV	3093	78287	4.02%	0.088%
4	4.605	4.598	4.623	VV	1920	16860	0.87%	0.019%
5	4.644	4.623	4.687	VV	4723	66715	3.43%	0.075%
6	4.705	4.687	4.713	VV	1231	13528	0.70%	0.015%
7	4.750	4.713	4.766	VV	5898	111326	5.72%	0.125%
8	4.784	4.766	4.818	VV	9232	188578	9.69%	0.212%
9	4.825	4.818	4.840	VV	4413	44028	2.26%	0.049%
10	4.855	4.840	4.866	VV	5740	62357	3.21%	0.070%
11	4.882	4.866	4.900	VV	8930	133526	6.86%	0.150%
12	4.914	4.900	4.925	VV	8009	104060	5.35%	0.117%
13	4.933	4.925	4.944	VV	7298	74200	3.81%	0.083%
14	4.959	4.944	4.976	VV	15030	190547	9.80%	0.214%
15	4.990	4.976	5.001	VV	9965	129333	6.65%	0.145%
16	5.014	5.001	5.024	VV	12543	147942	7.61%	0.166%
17	5.034	5.024	5.063	VV	12645	178292	9.17%	0.200%
18	5.083	5.063	5.122	VV	20623	299688	15.41%	0.337%
19	5.149	5.122	5.168	VV	5692	110571	5.68%	0.124%
20	5.185	5.168	5.203	VV	9165	125369	6.44%	0.141%
21	5.216	5.203	5.237	VV	6246	95003	4.88%	0.107%
22	5.255	5.237	5.264	VV	7180	95052	4.89%	0.107%
23	5.273	5.264	5.301	VV	8553	110588	5.69%	0.124%
24	5.328	5.301	5.339	VV	19667	223435	11.49%	0.251%
25	5.355	5.339	5.387	VV	43129	553767	28.47%	0.622%
26	5.407	5.387	5.427	VV	6830	126075	6.48%	0.142%
27	5.457	5.427	5.468	VV	6835	122198	6.28%	0.137%
28	5.487	5.468	5.501	VV	12570	192087	9.87%	0.216%
29	5.511	5.501	5.523	VV	9054	106002	5.45%	0.119%
30	5.528	5.523	5.535	VV	7160	49474	2.54%	0.056%
31	5.552	5.535	5.565	VV	10808	151704	7.80%	0.170%
32	5.582	5.565	5.598	VV	15276	212971	10.95%	0.239%
33	5.611	5.598	5.638	VV	10315	198978	10.23%	0.224%
34	5.648	5.638	5.663	VV	6915	88815	4.57%	0.100%
35	5.677	5.663	5.684	VV	6600	71679	3.68%	0.081%
36	5.702	5.684	5.711	VV	26268	282911	14.54%	0.318%

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37	5.719	5.711	5.740	VV	25231	282500	14.52%	0.317%
38	5.756	5.740	5.767	VV	7705	102143	5.25%	0.115%
39	5.783	5.767	5.815	VV	8649	193008	9.92%	0.217%
40	5.834	5.815	5.849	VV	8350	133205	6.85%	0.150%
41	5.859	5.849	5.868	VV	6828	75229	3.87%	0.085%
42	5.891	5.868	5.918	VV	35091	539772	27.75%	0.606%
43	5.931	5.918	5.964	VV	13229	260520	13.39%	0.293%
44	5.972	5.964	5.978	VV	7843	63825	3.28%	0.072%
45	5.996	5.978	6.011	VV	33604	416389	21.41%	0.468%
46	6.015	6.011	6.044	VV	20189	277853	14.28%	0.312%
47	6.052	6.044	6.063	VV	10464	104646	5.38%	0.118%
48	6.074	6.063	6.088	VV	10805	141479	7.27%	0.159%
49	6.094	6.088	6.104	VV	8115	71707	3.69%	0.081%
50	6.119	6.104	6.128	VV	12460	150582	7.74%	0.169%
51	6.137	6.128	6.160	VV	12169	152351	7.83%	0.171%
52	6.187	6.160	6.205	VV	18777	260193	13.38%	0.292%
53	6.239	6.205	6.258	VV	22503	401576	20.64%	0.451%
54	6.269	6.258	6.286	VV	10550	149220	7.67%	0.168%
55	6.312	6.286	6.347	VV	17886	407602	20.95%	0.458%
56	6.374	6.347	6.397	VV	13719	323121	16.61%	0.363%
57	6.421	6.397	6.447	VV	28305	566930	29.14%	0.637%
58	6.463	6.447	6.486	VV	19161	341774	17.57%	0.384%
59	6.504	6.486	6.518	VV	21544	292034	15.01%	0.328%
60	6.545	6.518	6.588	VV	21554	705739	36.28%	0.793%
61	6.607	6.588	6.628	VV	19652	351446	18.07%	0.395%
62	6.656	6.628	6.673	VV	26563	530119	27.25%	0.596%
63	6.680	6.673	6.695	VV	16442	191731	9.86%	0.215%
64	6.704	6.695	6.720	VV	13042	182953	9.41%	0.206%
65	6.725	6.720	6.734	VV	11253	90397	4.65%	0.102%
66	6.750	6.734	6.764	VV	15509	242376	12.46%	0.272%
67	6.769	6.764	6.784	VV	12656	130559	6.71%	0.147%
68	6.821	6.784	6.836	VV	17596	421300	21.66%	0.473%
69	6.860	6.836	6.873	VV	17656	322099	16.56%	0.362%
70	6.884	6.873	6.893	VV	16597	190043	9.77%	0.213%
71	6.903	6.893	6.911	VV	16897	169847	8.73%	0.191%
72	6.927	6.911	6.950	VV	27225	451062	23.19%	0.507%
73	6.993	6.950	6.998	VV	15509	367307	18.88%	0.413%
74	7.016	6.998	7.036	VV	29449	452599	23.27%	0.508%
75	7.062	7.036	7.088	VV	28902	606997	31.20%	0.682%
76	7.097	7.088	7.108	VV	14183	162360	8.35%	0.182%
77	7.137	7.108	7.158	VV	28816	576621	29.64%	0.648%
78	7.176	7.158	7.183	VV	14711	204980	10.54%	0.230%
79	7.204	7.183	7.220	VV	19649	362482	18.63%	0.407%
80	7.237	7.220	7.245	VV	18070	241879	12.43%	0.272%
81	7.266	7.245	7.285	VV	28218	525145	27.00%	0.590%
82	7.305	7.285	7.339	VV	34838	721936	37.11%	0.811%
83	7.371	7.339	7.406	VV	27265	829399	42.64%	0.932%
84	7.417	7.406	7.430	VV	15628	201514	10.36%	0.226%
85	7.453	7.430	7.494	VV	78532	1388031	71.35%	1.559%
86	7.513	7.494	7.533	VV	26210	486781	25.02%	0.547%
87	7.554	7.533	7.571	VV	29711	489345	25.16%	0.550%
88	7.581	7.571	7.593	VV	18905	232864	11.97%	0.262%
89	7.604	7.593	7.617	VV	17623	242841	12.48%	0.273%

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90	7.655	7.617	7.672	VV	34810	803067	41.28%	0.902%
91	7.679	7.672	7.703	VV	23319	387219	19.91%	0.435%
92	7.731	7.703	7.756	VV	24243	674269	34.66%	0.757%
93	7.766	7.756	7.797	VV	21563	441622	22.70%	0.496%
94	7.817	7.797	7.829	VV	17787	310988	15.99%	0.349%
95	7.853	7.829	7.887	VV	31783	826678	42.50%	0.929%
96	7.905	7.887	7.925	VV	24402	429283	22.07%	0.482%
97	7.948	7.925	7.955	VV	19053	302625	15.56%	0.340%
98	7.971	7.955	7.982	VV	25294	358391	18.42%	0.403%
99	7.994	7.982	8.002	VV	25161	280877	14.44%	0.316%
100	8.019	8.002	8.037	VV	32326	543031	27.92%	0.610%
101	8.048	8.037	8.056	VV	19543	207822	10.68%	0.233%
102	8.065	8.056	8.083	VV	19645	303252	15.59%	0.341%
103	8.112	8.083	8.134	VV	29346	666173	34.25%	0.748%
104	8.152	8.134	8.174	VV	22027	485515	24.96%	0.545%
105	8.199	8.174	8.220	VV	22939	550693	28.31%	0.619%
106	8.257	8.220	8.274	VV	26137	757117	38.92%	0.851%
107	8.291	8.274	8.334	VV	38677	1022258	52.55%	1.148%
108	8.378	8.334	8.412	VV	92923	1945260	100.00%	2.185%
109	8.433	8.412	8.451	VV	27309	565776	29.08%	0.636%
110	8.479	8.451	8.496	VV	64330	1099829	56.54%	1.235%
111	8.508	8.496	8.530	VV	32700	574841	29.55%	0.646%
112	8.541	8.530	8.562	VV	26586	476837	24.51%	0.536%
113	8.573	8.562	8.583	VV	23997	301494	15.50%	0.339%
114	8.594	8.583	8.614	VV	25002	414834	21.33%	0.466%
115	8.637	8.614	8.691	VV	33888	1194463	61.40%	1.342%
116	8.720	8.691	8.740	VV	67762	1127610	57.97%	1.267%
117	8.750	8.740	8.763	VV	28238	375324	19.29%	0.422%
118	8.778	8.763	8.795	VV	31744	512667	26.35%	0.576%
119	8.808	8.795	8.823	VV	25998	405804	20.86%	0.456%
120	8.848	8.823	8.877	VV	25118	706852	36.34%	0.794%
121	8.889	8.877	8.899	VV	19723	248103	12.75%	0.279%
122	8.918	8.899	8.932	VV	32106	515822	26.52%	0.579%
123	8.953	8.932	8.971	VV	32218	639930	32.90%	0.719%
124	8.981	8.971	8.997	VV	21918	329325	16.93%	0.370%
125	9.019	8.997	9.043	VV	53031	902325	46.39%	1.014%
126	9.099	9.043	9.120	VV	70573	1749999	89.96%	1.966%
127	9.129	9.120	9.145	VV	24114	339514	17.45%	0.381%
128	9.153	9.145	9.162	VV	20689	210277	10.81%	0.236%
129	9.180	9.162	9.186	VV	27646	351990	18.09%	0.395%
130	9.204	9.186	9.226	VV	43020	780756	40.14%	0.877%
131	9.243	9.226	9.262	VV	33717	604126	31.06%	0.679%
132	9.277	9.262	9.294	VV	26227	434911	22.36%	0.489%
133	9.327	9.294	9.343	VV	32688	794333	40.83%	0.892%
134	9.353	9.343	9.358	VV	25656	225042	11.57%	0.253%
135	9.375	9.358	9.391	VV	42984	635277	32.66%	0.714%
136	9.415	9.391	9.451	VV	48109	1047442	53.85%	1.177%
137	9.471	9.451	9.497	VV	24658	574591	29.54%	0.645%
138	9.531	9.497	9.548	VV	38925	792791	40.75%	0.891%
139	9.563	9.548	9.579	VV	31497	450843	23.18%	0.506%
140	9.589	9.579	9.601	VV	19960	252116	12.96%	0.283%
141	9.619	9.601	9.631	VV	20911	357472	18.38%	0.402%

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142	9.648	9.631	9.653	VV	24864	291214	14.97%	0.327%
143	9.669	9.653	9.706	VV	39709	880071	45.24%	0.989%
144	9.712	9.706	9.731	VV	21189	290302	14.92%	0.326%
145	9.755	9.731	9.766	VV	32385	529814	27.24%	0.595%
146	9.777	9.766	9.804	VV	32946	568426	29.22%	0.639%
147	9.833	9.804	9.866	VV	42627	1002301	51.53%	1.126%
148	9.872	9.866	9.886	VV	20736	234719	12.07%	0.264%
149	9.904	9.886	9.908	VV	23343	284100	14.60%	0.319%
150	9.925	9.908	9.943	VV	29505	546118	28.07%	0.613%
151	9.956	9.943	9.975	VV	28678	447562	23.01%	0.503%
152	9.994	9.975	10.015	VV	20349	449579	23.11%	0.505%
153	10.031	10.015	10.056	VV	21605	449374	23.10%	0.505%
154	10.077	10.056	10.098	VV	24989	539833	27.75%	0.606%
155	10.124	10.098	10.148	VV	28287	716952	36.86%	0.805%
156	10.170	10.148	10.193	VV	27587	630017	32.39%	0.708%
157	10.198	10.193	10.213	VV	19050	219823	11.30%	0.247%
158	10.226	10.213	10.240	VV	19343	306518	15.76%	0.344%
159	10.245	10.240	10.251	VV	18178	115526	5.94%	0.130%
160	10.270	10.251	10.311	VV	22340	638940	32.85%	0.718%
161	10.338	10.311	10.386	VV	25321	815721	41.93%	0.916%
162	10.399	10.386	10.419	VV	15950	293602	15.09%	0.330%
163	10.441	10.419	10.467	VV	18700	453222	23.30%	0.509%
164	10.496	10.467	10.526	VV	25557	634306	32.61%	0.713%
165	10.552	10.526	10.580	VV	59488	1072375	55.13%	1.205%
166	10.605	10.580	10.616	VV	26274	467003	24.01%	0.525%
167	10.631	10.616	10.657	VV	28479	547637	28.15%	0.615%
168	10.675	10.657	10.693	VV	30199	504872	25.95%	0.567%
169	10.702	10.693	10.725	VV	20361	334267	17.18%	0.375%
170	10.750	10.725	10.760	VV	24122	406625	20.90%	0.457%
171	10.769	10.760	10.788	VV	22450	341159	17.54%	0.383%
172	10.813	10.788	10.826	VV	24097	462596	23.78%	0.520%
173	10.831	10.826	10.864	VV	20961	443646	22.81%	0.498%
174	10.884	10.864	10.900	VV	21640	422765	21.73%	0.475%
175	10.920	10.900	10.940	VV	22886	477812	24.56%	0.537%
176	10.976	10.940	11.004	VV	83919	1557483	80.07%	1.750%
177	11.025	11.004	11.047	VV	19992	467558	24.04%	0.525%
178	11.052	11.047	11.069	VV	15285	193846	9.97%	0.218%
179	11.116	11.069	11.132	VV	18041	604221	31.06%	0.679%
180	11.154	11.132	11.172	VV	20671	428957	22.05%	0.482%
181	11.182	11.172	11.211	VV	16840	357865	18.40%	0.402%
182	11.238	11.211	11.269	VV	18896	550842	28.32%	0.619%
183	11.297	11.269	11.319	VV	20326	490455	25.21%	0.551%
184	11.333	11.319	11.351	VV	14938	267630	13.76%	0.301%
185	11.376	11.351	11.397	VV	16725	403935	20.77%	0.454%
186	11.409	11.397	11.416	VV	13591	156222	8.03%	0.175%
187	11.433	11.416	11.444	VV	15220	238771	12.27%	0.268%
188	11.464	11.444	11.487	VV	21159	442275	22.74%	0.497%
189	11.514	11.487	11.532	VV	18456	439742	22.61%	0.494%
190	11.550	11.532	11.597	VV	17705	626690	32.22%	0.704%
191	11.601	11.597	11.615	VV	14747	146783	7.55%	0.165%
192	11.632	11.615	11.661	VV	17006	424762	21.84%	0.477%
193	11.698	11.661	11.728	VV	49503	1082399	55.64%	1.216%
194	11.751	11.728	11.775	VV	15653	382151	19.65%	0.429%

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195	11.807	11.775	11.835	VV	17825	500218	25.71%	0.562%
196	11.848	11.835	11.860	VV	13317	190476	9.79%	0.214%
197	11.875	11.860	11.910	VV	13809	394331	20.27%	0.443%
198	11.915	11.910	11.932	VV	12569	156899	8.07%	0.176%
199	11.956	11.932	11.971	VV	17801	329319	16.93%	0.370%
200	11.987	11.971	12.028	VV	19873	456075	23.45%	0.512%
201	12.051	12.028	12.083	VV	12576	363155	18.67%	0.408%
202	12.106	12.083	12.122	VV	17291	326828	16.80%	0.367%
203	12.138	12.122	12.190	VV	15444	506002	26.01%	0.568%
204	12.212	12.190	12.227	VV	11087	229792	11.81%	0.258%
205	12.256	12.227	12.280	VV	20583	474815	24.41%	0.533%
206	12.295	12.280	12.329	VV	12605	299860	15.41%	0.337%
207	12.357	12.329	12.373	VV	10293	244837	12.59%	0.275%
208	12.398	12.373	12.444	VV	10688	395615	20.34%	0.444%
209	12.461	12.444	12.472	VV	9495	147703	7.59%	0.166%
210	12.491	12.472	12.510	VV	10967	226268	11.63%	0.254%
211	12.521	12.510	12.542	VV	9466	161124	8.28%	0.181%
212	12.575	12.542	12.594	VV	8685	242243	12.45%	0.272%
213	12.607	12.594	12.621	VV	7536	117102	6.02%	0.132%
214	12.637	12.621	12.667	VV	8019	203006	10.44%	0.228%
215	12.676	12.667	12.684	VV	7105	72144	3.71%	0.081%
216	12.703	12.684	12.727	VV	8888	188136	9.67%	0.211%
217	12.748	12.727	12.788	VV	10916	305881	15.72%	0.344%
218	12.795	12.788	12.808	VV	6560	73635	3.79%	0.083%
219	12.857	12.808	12.878	VV	13818	384694	19.78%	0.432%
220	12.892	12.878	12.907	VV	8670	134665	6.92%	0.151%
221	12.921	12.907	12.952	VV	8845	176838	9.09%	0.199%
222	12.971	12.952	12.987	VV	6848	117266	6.03%	0.132%
223	12.993	12.987	13.016	VV	5277	85077	4.37%	0.096%
224	13.030	13.016	13.043	VV	4538	69877	3.59%	0.078%
225	13.062	13.043	13.085	VV	4799	108575	5.58%	0.122%
226	13.100	13.085	13.125	VV	4577	90735	4.66%	0.102%
227	13.130	13.125	13.147	VV	2952	36624	1.88%	0.041%
228	13.166	13.147	13.178	VV	3348	55592	2.86%	0.062%
229	13.186	13.178	13.211	VV	3250	62226	3.20%	0.070%
230	13.217	13.211	13.247	VV	2977	61061	3.14%	0.069%
231	13.268	13.247	13.319	VV	3982	112397	5.78%	0.126%
232	13.340	13.319	13.352	VV	2600	44385	2.28%	0.050%
233	13.368	13.352	13.390	VV	2322	48752	2.51%	0.055%
234	13.411	13.390	13.514	VV	5229	177737	9.14%	0.200%
235	13.553	13.514	13.584	VV	2148	57100	2.94%	0.064%
236	13.603	13.584	13.650	VV	2319	44279	2.28%	0.050%
237	13.667	13.650	13.683	VV	1018	10630	0.55%	0.012%
238	13.752	13.715	13.790	BV	1034	16839	0.87%	0.019%
239	13.796	13.790	13.812	VV	412	3931	0.20%	0.004%
240	13.819	13.812	13.830	VV	392	3069	0.16%	0.003%
241	13.854	13.830	13.897	VV	653	10126	0.52%	0.011%
242	13.907	13.897	13.923	PV	216	1488	0.08%	0.002%
243	13.931	13.923	13.947	PV	179	1738	0.09%	0.002%
244	13.967	13.947	13.994	VV	695	11718	0.60%	0.013%
245	14.008	13.994	14.017	VV	613	6543	0.34%	0.007%
246	14.026	14.017	14.084	VV	852	18152	0.93%	0.020%

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247	14.096	14.084	14.105	VV	113	1279	0.07%	0.001%
248	14.133	14.105	14.152	VV	544	9034	0.46%	0.010%
249	14.173	14.152	14.191	VV	394	5736	0.29%	0.006%
250	14.195	14.191	14.220	VV	282	4318	0.22%	0.005%
251	14.237	14.220	14.288	VV	414	9921	0.51%	0.011%
252	14.293	14.288	14.298	PV	81	243	0.01%	0.000%
253	14.348	14.298	14.385	VV	824	19401	1.00%	0.022%
254	14.412	14.385	14.456	VV	374	9533	0.49%	0.011%
255	14.480	14.456	14.492	VV	454	6114	0.31%	0.007%
256	14.505	14.492	14.512	VV	363	3817	0.20%	0.004%
257	14.514	14.512	14.539	VV	355	3551	0.18%	0.004%
258	14.568	14.539	14.615	VV	312	10236	0.53%	0.011%
259	14.626	14.615	14.647	VV	324	3492	0.18%	0.004%
260	14.677	14.647	14.705	PV	523	8960	0.46%	0.010%
261	14.730	14.705	14.756	VV	773	12466	0.64%	0.014%
262	14.765	14.756	14.787	VV	295	4237	0.22%	0.005%
263	14.802	14.787	14.828	VV	501	8284	0.43%	0.009%
264	14.835	14.828	14.859	VV	318	3878	0.20%	0.004%
265	14.865	14.859	14.876	VV	153	915	0.05%	0.001%
266	14.891	14.876	14.909	VV	142	1714	0.09%	0.002%
267	14.918	14.909	14.942	VV	189	2110	0.11%	0.002%
268	14.951	14.942	14.955	VV	180	1107	0.06%	0.001%
269	14.960	14.955	14.983	VV	222	2547	0.13%	0.003%
270	15.013	14.983	15.050	VV	2810	40875	2.10%	0.046%
271	15.062	15.050	15.070	VV	148	1203	0.06%	0.001%
272	15.089	15.070	15.094	PV	118	813	0.04%	0.001%
273	15.103	15.094	15.131	VV	102	1536	0.08%	0.002%
274	15.146	15.131	15.157	VV	167	1420	0.07%	0.002%
275	15.167	15.157	15.172	VV	171	870	0.04%	0.001%
276	15.218	15.172	15.239	VV	467	11781	0.61%	0.013%
277	15.244	15.239	15.248	VV	147	725	0.04%	0.001%
278	15.265	15.248	15.285	VV	268	3779	0.19%	0.004%
279	15.289	15.285	15.295	VV	175	667	0.03%	0.001%
280	15.302	15.295	15.329	VV	206	1809	0.09%	0.002%
281	15.338	15.329	15.342	VV	115	554	0.03%	0.001%
282	15.354	15.342	15.369	VV	190	2137	0.11%	0.002%
283	15.371	15.369	15.397	VV	191	1371	0.07%	0.002%
284	15.402	15.397	15.410	VV	75	448	0.02%	0.001%
285	15.414	15.410	15.419	VV	59	243	0.01%	0.000%
286	15.424	15.419	15.430	PV	104	337	0.02%	0.000%
287	15.433	15.430	15.441	PV	46	355	0.02%	0.000%
288	15.450	15.441	15.477	VV	145	2084	0.11%	0.002%
289	15.492	15.477	15.542	VV	86	1824	0.09%	0.002%
290	15.550	15.542	15.556	PV	66	479	0.02%	0.001%
291	15.559	15.556	15.562	VV	70	186	0.01%	0.000%
292	15.595	15.562	15.625	VV	740	13609	0.70%	0.015%
293	15.633	15.625	15.639	VV	320	2248	0.12%	0.003%
294	15.640	15.639	15.675	VV	340	3784	0.19%	0.004%
295	15.679	15.675	15.689	VV	146	832	0.04%	0.001%
296	15.695	15.689	15.714	VV	168	1665	0.09%	0.002%
297	15.738	15.714	15.787	VV	415	8816	0.45%	0.010%
298	15.811	15.787	15.876	VV	833	15548	0.80%	0.017%
299	15.880	15.876	15.893	VV	130	579	0.03%	0.001%

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300	15.901	15.893	15.907	VV	67	316	0.02%	0.000%
301	15.921	15.907	15.927	PV	93	751	0.04%	0.001%
302	15.946	15.927	15.953	VV	135	1266	0.07%	0.001%
303	15.969	15.953	15.975	VV	161	1351	0.07%	0.002%
304	16.008	15.975	16.023	VV	192	3366	0.17%	0.004%
305	16.046	16.023	16.060	VV	144	2415	0.12%	0.003%
306	16.064	16.060	16.090	VV	140	1539	0.08%	0.002%
307	16.095	16.090	16.106	VV	103	935	0.05%	0.001%
308	16.120	16.106	16.139	VV	180	2126	0.11%	0.002%
309	16.159	16.139	16.170	VV	176	2121	0.11%	0.002%
310	16.177	16.170	16.184	VV	176	1148	0.06%	0.001%
311	16.195	16.184	16.215	VV	209	2601	0.13%	0.003%
312	16.237	16.215	16.259	VV	458	7279	0.37%	0.008%
313	16.266	16.259	16.271	VV	158	953	0.05%	0.001%
314	16.280	16.271	16.287	VV	130	1000	0.05%	0.001%
315	16.303	16.287	16.320	VV	218	2690	0.14%	0.003%
316	16.329	16.320	16.336	VV	145	958	0.05%	0.001%
317	16.340	16.336	16.362	VV	172	1418	0.07%	0.002%
318	16.389	16.362	16.397	VV	200	3016	0.16%	0.003%
319	16.422	16.397	16.465	VV	224	5974	0.31%	0.007%
320	16.487	16.465	16.492	VV	139	1274	0.07%	0.001%
321	16.496	16.492	16.511	VV	133	724	0.04%	0.001%
322	16.533	16.511	16.537	PV	185	1915	0.10%	0.002%
323	16.551	16.537	16.572	VV	164	2666	0.14%	0.003%
324	16.577	16.572	16.594	VV	136	1372	0.07%	0.002%
325	16.617	16.594	16.621	VV	187	2155	0.11%	0.002%
326	16.628	16.621	16.654	VV	177	1571	0.08%	0.002%
327	16.660	16.654	16.661	VV	62	186	0.01%	0.000%
328	16.686	16.661	16.697	VV	242	3694	0.19%	0.004%
329	16.719	16.697	16.744	VV	522	8842	0.45%	0.010%
330	16.758	16.744	16.777	VV	140	2002	0.10%	0.002%
331	16.802	16.777	16.843	VV	332	5471	0.28%	0.006%
332	16.853	16.843	16.879	VV	81	1894	0.10%	0.002%
333	16.900	16.879	16.924	VV	112	2290	0.12%	0.003%
334	16.929	16.924	16.972	VV	155	2113	0.11%	0.002%
335	16.979	16.972	17.004	VV	79	741	0.04%	0.001%
336	17.012	17.004	17.042	PV	133	1006	0.05%	0.001%
337	17.048	17.042	17.059	PV	124	555	0.03%	0.001%
338	17.081	17.059	17.112	VV	231	3264	0.17%	0.004%
339	17.147	17.112	17.162	PV	186	2593	0.13%	0.003%
340	17.187	17.162	17.222	VV	977	13852	0.71%	0.016%
341	17.236	17.222	17.244	VV	143	1140	0.06%	0.001%
342	17.266	17.244	17.281	VV	186	1859	0.10%	0.002%
				Sum of corrected areas:		89019187		

FF102124.M Fri Nov 01 06:17:37 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	81.9	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014853.D	50	10/30/24 08:00	10/30/24 22:49	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	919000		11300	101000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103024\
Data File : FF014853.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 22:49
Operator : YP\AJ
Sample : P4599-02 50X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-2

Integration File: autoint1.e
Quant Time: Nov 01 01:46:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

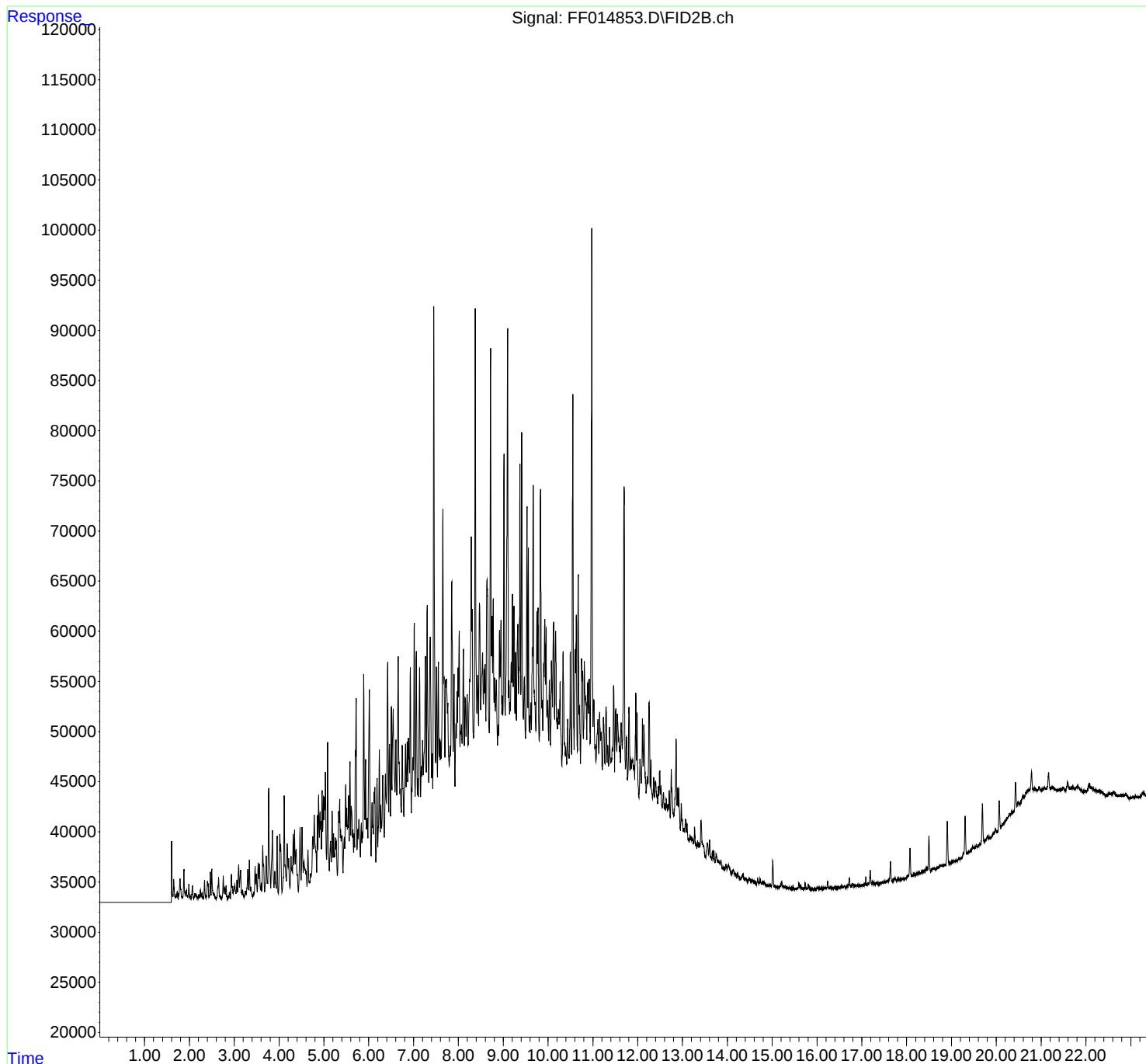
(m)=manual int.

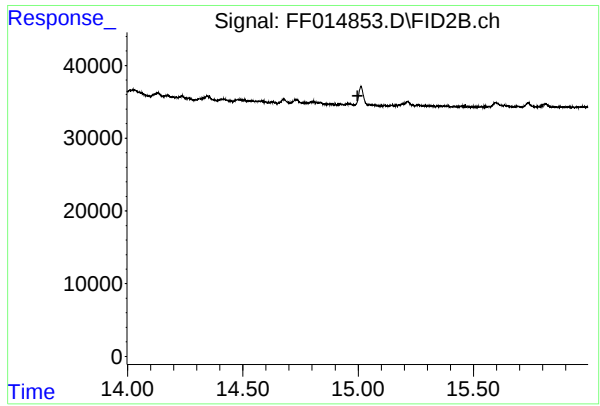
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014853.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 22:49
Operator : YP\AJ
Sample : P4599-02 50X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-2

Integration File: autoint1.e
Quant Time: Nov 01 01:46:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014853.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 22:49
Sample : P4599-02 50X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.408	4.400	4.429	BV	596	4333	0.34%	0.007%
2	4.469	4.429	4.494	PV	6280	96751	7.49%	0.145%
3	4.514	4.494	4.540	VV	6184	93993	7.28%	0.141%
4	4.556	4.540	4.580	VV	2645	51961	4.02%	0.078%
5	4.583	4.580	4.597	VV	1834	16996	1.32%	0.026%
6	4.606	4.597	4.625	VV	1562	16312	1.26%	0.025%
7	4.645	4.625	4.673	PV	3493	44381	3.44%	0.067%
8	4.677	4.673	4.687	VV	190	1113	0.09%	0.002%
9	4.703	4.687	4.715	PV	836	7703	0.60%	0.012%
10	4.752	4.715	4.770	VV	4174	77768	6.02%	0.117%
11	4.785	4.770	4.822	VV	6089	116519	9.02%	0.175%
12	4.825	4.822	4.840	VV	2126	14692	1.14%	0.022%
13	4.856	4.840	4.868	PV	4729	38808	3.00%	0.058%
14	4.882	4.868	4.900	VBA	5246	52774	4.09%	0.079%
15	4.915	4.900	4.927	BV	2859	27505	2.13%	0.041%
16	4.934	4.927	4.946	VV	2435	17299	1.34%	0.026%
17	4.960	4.946	4.975	PV	6006	58982	4.57%	0.089%
18	4.991	4.975	5.003	VV	5824	70379	5.45%	0.106%
19	5.014	5.003	5.023	VV	5991	61938	4.80%	0.093%
20	5.035	5.023	5.062	VV	8778	100611	7.79%	0.151%
21	5.084	5.062	5.121	VV	12380	148099	11.47%	0.223%
22	5.149	5.121	5.168	PV	3026	48962	3.79%	0.074%
23	5.185	5.168	5.203	VV	6140	77243	5.98%	0.116%
24	5.216	5.203	5.240	VV	3996	56367	4.36%	0.085%
25	5.255	5.240	5.266	VV	3635	44839	3.47%	0.067%
26	5.276	5.266	5.302	VV	3345	40215	3.11%	0.060%
27	5.330	5.302	5.339	PV	6447	73824	5.72%	0.111%
28	5.353	5.339	5.366	VV	7632	97251	7.53%	0.146%
29	5.375	5.366	5.386	VV	4597	48587	3.76%	0.073%
30	5.396	5.386	5.402	VV	3971	36312	2.81%	0.055%
31	5.406	5.402	5.427	VV	4008	38127	2.95%	0.057%
32	5.455	5.427	5.467	VV	3826	63611	4.92%	0.096%
33	5.487	5.467	5.501	VV	9078	130127	10.07%	0.196%
34	5.511	5.501	5.524	VV	6652	76318	5.91%	0.115%
35	5.531	5.524	5.535	VV	4980	34737	2.69%	0.052%
36	5.552	5.535	5.566	VV	7950	110142	8.53%	0.166%

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37	5.582	5.566	5.599	VV	11334	150939	11.69%	0.227%
38	5.613	5.599	5.641	VV	6777	141076	10.92%	0.212%
39	5.649	5.641	5.662	VV	4528	47192	3.65%	0.071%
40	5.676	5.662	5.686	VV	4145	47610	3.69%	0.072%
41	5.704	5.686	5.708	VV	12437	110155	8.53%	0.166%
42	5.720	5.708	5.740	VV	17645	214477	16.61%	0.322%
43	5.756	5.740	5.767	VV	4556	59305	4.59%	0.089%
44	5.781	5.767	5.816	VV	5550	117238	9.08%	0.176%
45	5.835	5.816	5.849	VV	5172	76285	5.91%	0.115%
46	5.860	5.849	5.868	VV	4284	44945	3.48%	0.068%
47	5.890	5.868	5.917	VV	19998	313432	24.27%	0.471%
48	5.931	5.917	5.950	VV	11431	150765	11.67%	0.227%
49	5.970	5.950	5.983	VV	5633	95881	7.42%	0.144%
50	6.015	5.983	6.055	VV	18467	402361	31.15%	0.605%
51	6.075	6.055	6.089	VV	7133	99322	7.69%	0.149%
52	6.095	6.089	6.104	VV	4845	41030	3.18%	0.062%
53	6.119	6.104	6.128	VV	8221	95286	7.38%	0.143%
54	6.137	6.128	6.160	VV	8677	103768	8.03%	0.156%
55	6.186	6.160	6.204	VV	9554	128698	9.96%	0.194%
56	6.238	6.204	6.257	VV	12322	214492	16.61%	0.323%
57	6.269	6.257	6.287	VV	6898	99400	7.70%	0.149%
58	6.313	6.287	6.348	VV	9805	236526	18.31%	0.356%
59	6.372	6.348	6.397	VV	9973	212458	16.45%	0.319%
60	6.423	6.397	6.449	VV	21098	396206	30.67%	0.596%
61	6.463	6.449	6.487	VV	12907	221292	17.13%	0.333%
62	6.505	6.487	6.518	VV	16593	214435	16.60%	0.322%
63	6.546	6.518	6.587	VV	16372	498409	38.59%	0.749%
64	6.607	6.587	6.628	VV	13340	246945	19.12%	0.371%
65	6.659	6.628	6.675	VV	21618	397013	30.74%	0.597%
66	6.680	6.675	6.697	VV	11114	124584	9.65%	0.187%
67	6.705	6.697	6.730	VV	8421	144510	11.19%	0.217%
68	6.750	6.730	6.784	VV	12727	288736	22.35%	0.434%
69	6.821	6.784	6.836	VV	12839	290229	22.47%	0.436%
70	6.859	6.836	6.873	VV	13072	235860	18.26%	0.355%
71	6.886	6.873	6.912	VV	13431	270679	20.96%	0.407%
72	6.929	6.912	6.950	VV	20456	324472	25.12%	0.488%
73	6.963	6.950	6.968	VV	8451	77791	6.02%	0.117%
74	6.985	6.968	6.998	VV	11463	184877	14.31%	0.278%
75	7.016	6.998	7.036	VV	24857	359494	27.83%	0.541%
76	7.062	7.036	7.087	VV	22073	427135	33.07%	0.642%
77	7.097	7.087	7.109	VV	9391	109184	8.45%	0.164%
78	7.137	7.109	7.158	VV	20325	400374	31.00%	0.602%
79	7.175	7.158	7.189	VV	10582	173176	13.41%	0.260%
80	7.203	7.189	7.220	VV	13133	212419	16.45%	0.319%
81	7.265	7.220	7.285	VV	21563	549498	42.54%	0.826%
82	7.304	7.285	7.341	VV	26619	542812	42.03%	0.816%
83	7.372	7.341	7.405	VV	23454	621653	48.13%	0.935%
84	7.418	7.405	7.430	VV	11788	154687	11.98%	0.233%
85	7.453	7.430	7.493	VV	56333	979216	75.81%	1.472%
86	7.514	7.493	7.534	VV	20370	367906	28.48%	0.553%
87	7.554	7.534	7.570	VV	20876	331080	25.63%	0.498%
88	7.581	7.570	7.593	VV	13154	164323	12.72%	0.247%
89	7.604	7.593	7.619	VV	12870	188458	14.59%	0.283%

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90	7.655	7.619	7.673	VV	36050	692300	53.60%	1.041%
91	7.681	7.673	7.702	VV	19292	286094	22.15%	0.430%
92	7.717	7.702	7.724	VV	19072	215043	16.65%	0.323%
93	7.733	7.724	7.758	VV	19191	365493	28.30%	0.550%
94	7.765	7.758	7.795	VV	16783	300454	23.26%	0.452%
95	7.817	7.795	7.830	VV	12442	245178	18.98%	0.369%
96	7.852	7.830	7.886	VV	28840	674209	52.20%	1.014%
97	7.906	7.886	7.924	VV	19494	327751	25.38%	0.493%
98	7.948	7.924	7.957	VV	14654	244463	18.93%	0.368%
99	7.971	7.957	7.981	VV	17828	223339	17.29%	0.336%
100	7.994	7.981	8.004	VV	20271	255086	19.75%	0.384%
101	8.019	8.004	8.037	VV	23920	374200	28.97%	0.563%
102	8.050	8.037	8.055	VV	13905	140726	10.90%	0.212%
103	8.067	8.055	8.085	VV	14486	247260	19.14%	0.372%
104	8.112	8.085	8.134	VV	22072	486283	37.65%	0.731%
105	8.151	8.134	8.174	VV	17060	366651	28.39%	0.551%
106	8.198	8.174	8.220	VV	17548	414985	32.13%	0.624%
107	8.289	8.220	8.303	VV	33245	1039823	80.50%	1.563%
108	8.310	8.303	8.338	VV	26008	405882	31.42%	0.610%
109	8.378	8.338	8.415	VV	56001	1162206	89.98%	1.747%
110	8.433	8.415	8.451	VV	19434	371809	28.79%	0.559%
111	8.472	8.451	8.499	VV	26471	615357	47.64%	0.925%
112	8.540	8.499	8.560	VV	21589	694094	53.74%	1.044%
113	8.573	8.560	8.584	VV	19896	261025	20.21%	0.392%
114	8.596	8.584	8.615	VV	20408	341664	26.45%	0.514%
115	8.640	8.615	8.692	VV	28945	995985	77.11%	1.498%
116	8.719	8.692	8.738	VV	51936	827653	64.08%	1.244%
117	8.752	8.738	8.765	VV	25207	371412	28.76%	0.558%
118	8.778	8.765	8.796	VV	26950	419073	32.45%	0.630%
119	8.808	8.796	8.822	VV	19062	268549	20.79%	0.404%
120	8.848	8.822	8.875	VV	18856	523396	40.52%	0.787%
121	8.888	8.875	8.899	VV	14360	193954	15.02%	0.292%
122	8.919	8.899	8.931	VV	23749	367807	28.48%	0.553%
123	8.952	8.931	8.971	VV	24819	494275	38.27%	0.743%
124	8.981	8.971	8.994	VV	17258	228827	17.72%	0.344%
125	9.019	8.994	9.047	VV	41302	770351	59.64%	1.158%
126	9.099	9.047	9.120	VV	53867	1291627	100.00%	1.942%
127	9.129	9.120	9.145	VV	18651	255295	19.77%	0.384%
128	9.154	9.145	9.163	VV	16571	174585	13.52%	0.263%
129	9.179	9.163	9.190	VV	20526	310356	24.03%	0.467%
130	9.207	9.190	9.225	VV	27314	463432	35.88%	0.697%
131	9.242	9.225	9.262	VV	26148	476863	36.92%	0.717%
132	9.277	9.262	9.294	VV	21434	345682	26.76%	0.520%
133	9.327	9.294	9.343	VV	24306	598700	46.35%	0.900%
134	9.375	9.343	9.391	VV	40263	734058	56.83%	1.104%
135	9.415	9.391	9.452	VV	43483	890660	68.96%	1.339%
136	9.472	9.452	9.499	VV	19043	455196	35.24%	0.684%
137	9.532	9.499	9.548	VV	36033	653089	50.56%	0.982%
138	9.563	9.548	9.580	VV	31903	417907	32.36%	0.628%
139	9.589	9.580	9.600	VV	15149	179563	13.90%	0.270%
140	9.617	9.600	9.631	VV	16451	278641	21.57%	0.419%
141	9.669	9.631	9.731	VV	38094	1233417	95.49%	1.855%

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142	9.754	9.731	9.766	VV	25534	415477	32.17%	0.625%
143	9.777	9.766	9.804	VV	25885	438315	33.94%	0.659%
144	9.833	9.804	9.864	VV	37664	819397	63.44%	1.232%
145	9.872	9.864	9.885	VV	16671	198892	15.40%	0.299%
146	9.904	9.885	9.912	VV	20298	286850	22.21%	0.431%
147	9.928	9.912	9.944	VV	24683	410278	31.76%	0.617%
148	9.957	9.944	9.976	VV	23843	385819	29.87%	0.580%
149	9.994	9.976	10.014	VV	16552	340165	26.34%	0.511%
150	10.031	10.014	10.055	VV	18556	367079	28.42%	0.552%
151	10.077	10.055	10.098	VV	20479	440205	34.08%	0.662%
152	10.125	10.098	10.147	VV	24182	582827	45.12%	0.876%
153	10.172	10.147	10.214	VV	23458	713580	55.25%	1.073%
154	10.230	10.214	10.252	VV	15571	338789	26.23%	0.509%
155	10.271	10.252	10.309	VV	18416	489088	37.87%	0.735%
156	10.338	10.309	10.387	VV	21377	678766	52.55%	1.021%
157	10.398	10.387	10.418	VV	11854	202458	15.67%	0.304%
158	10.440	10.418	10.471	VV	14638	386850	29.95%	0.582%
159	10.497	10.471	10.526	VV	21257	482146	37.33%	0.725%
160	10.553	10.526	10.580	VV	46992	829819	64.25%	1.248%
161	10.605	10.580	10.615	VV	21615	360588	27.92%	0.542%
162	10.631	10.615	10.655	VV	24963	458995	35.54%	0.690%
163	10.675	10.655	10.694	VV	28993	476149	36.86%	0.716%
164	10.701	10.694	10.726	VV	15959	252444	19.54%	0.380%
165	10.750	10.726	10.760	VV	20547	338429	26.20%	0.509%
166	10.767	10.760	10.789	VV	19352	293306	22.71%	0.441%
167	10.813	10.789	10.829	VV	20310	408182	31.60%	0.614%
168	10.834	10.829	10.864	VV	16951	324152	25.10%	0.487%
169	10.885	10.864	10.904	VV	18221	381079	29.50%	0.573%
170	10.919	10.904	10.939	VV	18570	339376	26.28%	0.510%
171	10.976	10.939	11.004	VV	63386	1207007	93.45%	1.815%
172	11.021	11.004	11.049	VV	16405	396986	30.74%	0.597%
173	11.054	11.049	11.069	VV	12029	136397	10.56%	0.205%
174	11.115	11.069	11.132	VV	14458	473324	36.65%	0.712%
175	11.152	11.132	11.170	VV	15205	302187	23.40%	0.454%
176	11.184	11.170	11.212	VV	13120	299546	23.19%	0.450%
177	11.238	11.212	11.269	VV	14661	415883	32.20%	0.625%
178	11.297	11.269	11.318	VV	15751	366230	28.35%	0.551%
179	11.332	11.318	11.350	VV	11873	214207	16.58%	0.322%
180	11.375	11.350	11.401	VV	13638	346627	26.84%	0.521%
181	11.432	11.401	11.444	VV	11518	279539	21.64%	0.420%
182	11.463	11.444	11.485	VV	17775	342317	26.50%	0.515%
183	11.513	11.485	11.532	VV	15362	373978	28.95%	0.562%
184	11.549	11.532	11.594	VV	14868	476513	36.89%	0.716%
185	11.601	11.594	11.614	VV	11699	137507	10.65%	0.207%
186	11.631	11.614	11.660	VV	14079	342399	26.51%	0.515%
187	11.697	11.660	11.729	VV	37490	852445	66.00%	1.282%
188	11.751	11.729	11.774	VV	12599	286126	22.15%	0.430%
189	11.807	11.774	11.830	VV	15606	382443	29.61%	0.575%
190	11.846	11.830	11.860	VV	10401	179025	13.86%	0.269%
191	11.874	11.860	11.879	VV	10308	114324	8.85%	0.172%
192	11.890	11.879	11.911	VV	10268	187683	14.53%	0.282%
193	11.915	11.911	11.932	VV	9659	117070	9.06%	0.176%
194	11.957	11.932	11.972	VV	17010	298296	23.09%	0.449%

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195	11.987	11.972	12.028	VV	14952	333807	25.84%	0.502%
196	12.051	12.028	12.076	VV	10333	243642	18.86%	0.366%
197	12.105	12.076	12.121	VV	14410	292741	22.66%	0.440%
198	12.137	12.121	12.189	VV	13651	409229	31.68%	0.615%
199	12.210	12.189	12.226	VV	8593	172282	13.34%	0.259%
200	12.255	12.226	12.279	VV	15936	365743	28.32%	0.550%
201	12.295	12.279	12.333	VV	10246	257397	19.93%	0.387%
202	12.357	12.333	12.373	VV	8448	178104	13.79%	0.268%
203	12.399	12.373	12.422	VV	8039	216132	16.73%	0.325%
204	12.429	12.422	12.444	VV	6758	86335	6.68%	0.130%
205	12.460	12.444	12.472	VV	7553	115758	8.96%	0.174%
206	12.492	12.472	12.509	VV	9138	174877	13.54%	0.263%
207	12.520	12.509	12.542	VV	7576	132293	10.24%	0.199%
208	12.573	12.542	12.594	VV	6941	186292	14.42%	0.280%
209	12.606	12.594	12.620	VV	5848	87380	6.77%	0.131%
210	12.636	12.620	12.666	VV	6244	154835	11.99%	0.233%
211	12.679	12.666	12.687	VV	5750	70868	5.49%	0.107%
212	12.703	12.687	12.726	VV	7090	133829	10.36%	0.201%
213	12.748	12.726	12.809	VV	9214	305729	23.67%	0.460%
214	12.856	12.809	12.876	VV	12208	300137	23.24%	0.451%
215	12.891	12.876	12.906	VV	7306	115317	8.93%	0.173%
216	12.920	12.906	12.952	VV	7172	142122	11.00%	0.214%
217	12.972	12.952	12.990	VV	5717	103324	8.00%	0.155%
218	12.995	12.990	13.015	VV	4151	54983	4.26%	0.083%
219	13.029	13.015	13.042	VV	3300	50944	3.94%	0.077%
220	13.064	13.042	13.085	VV	4142	89676	6.94%	0.135%
221	13.100	13.085	13.124	VV	3766	68501	5.30%	0.103%
222	13.130	13.124	13.144	VV	2204	25767	1.99%	0.039%
223	13.163	13.144	13.181	VV	2623	50364	3.90%	0.076%
224	13.194	13.181	13.206	VV	2389	33173	2.57%	0.050%
225	13.212	13.206	13.217	VV	2125	14438	1.12%	0.022%
226	13.222	13.217	13.249	VV	2181	37226	2.88%	0.056%
227	13.269	13.249	13.319	VV	3350	85444	6.62%	0.128%
228	13.338	13.319	13.351	VV	1928	31192	2.41%	0.047%
229	13.366	13.351	13.389	VV	1736	34514	2.67%	0.052%
230	13.413	13.389	13.519	VV	3934	131408	10.17%	0.198%
231	13.550	13.519	13.586	VV	1735	43488	3.37%	0.065%
232	13.603	13.586	13.625	VV	2038	27576	2.14%	0.041%
233	13.628	13.625	13.652	VV	343	3392	0.26%	0.005%
234	13.666	13.652	13.683	VV	843	7843	0.61%	0.012%
235	13.749	13.701	13.787	BV	365	-5805	-0.45%	-0.009%
236	13.802	13.787	13.810	PV	230	1850	0.14%	0.003%
237	13.818	13.810	13.835	VV	281	3236	0.25%	0.005%
238	13.858	13.835	13.884	VV	659	10302	0.80%	0.015%
239	13.903	13.884	13.923	PV	244	3218	0.25%	0.005%
240	13.936	13.923	13.945	VV	236	2371	0.18%	0.004%
241	13.969	13.945	13.990	VV	707	11536	0.89%	0.017%
242	14.010	13.990	14.015	VV	633	7203	0.56%	0.011%
243	14.024	14.015	14.099	VV	755	19818	1.53%	0.030%
244	14.133	14.099	14.158	VV	598	11728	0.91%	0.018%
245	14.171	14.158	14.196	VV	400	5621	0.44%	0.008%
246	14.197	14.196	14.219	VV	233	2529	0.20%	0.004%

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247	14.237	14.219	14.259	VV	476	6832	0.53%	0.010%
248	14.262	14.259	14.289	VV	235	1896	0.15%	0.003%
249	14.344	14.289	14.385	PV	647	16043	1.24%	0.024%
250	14.389	14.385	14.392	VV	110	399	0.03%	0.001%
251	14.416	14.392	14.458	VV	343	7342	0.57%	0.011%
252	14.479	14.458	14.505	VV	377	7196	0.56%	0.011%
253	14.509	14.505	14.522	VV	310	2351	0.18%	0.004%
254	14.528	14.522	14.534	VV	219	1414	0.11%	0.002%
255	14.537	14.534	14.551	VV	254	2331	0.18%	0.004%
256	14.555	14.551	14.566	VV	248	1837	0.14%	0.003%
257	14.578	14.566	14.616	VV	265	5715	0.44%	0.009%
258	14.626	14.616	14.650	VV	252	2956	0.23%	0.004%
259	14.677	14.650	14.701	PV	631	10162	0.79%	0.015%
260	14.728	14.701	14.762	VV	670	12597	0.98%	0.019%
261	14.777	14.762	14.787	VV	294	3331	0.26%	0.005%
262	14.807	14.787	14.826	VV	430	7065	0.55%	0.011%
263	14.835	14.826	14.874	VV	317	4895	0.38%	0.007%
264	14.880	14.874	14.919	VV	128	2314	0.18%	0.003%
265	14.922	14.919	14.947	VV	141	1714	0.13%	0.003%
266	14.956	14.947	14.983	VV	266	3132	0.24%	0.005%
267	15.012	14.983	15.043	VV	2639	37184	2.88%	0.056%
268	15.049	15.043	15.057	VV	208	1212	0.09%	0.002%
269	15.061	15.057	15.091	VV	181	1739	0.13%	0.003%
270	15.104	15.091	15.111	VV	118	716	0.06%	0.001%
271	15.113	15.111	15.122	VV	154	548	0.04%	0.001%
272	15.127	15.122	15.140	PV	118	744	0.06%	0.001%
273	15.150	15.140	15.156	VV	169	1064	0.08%	0.002%
274	15.214	15.156	15.245	VV	682	15815	1.22%	0.024%
275	15.262	15.245	15.277	VV	243	3180	0.25%	0.005%
276	15.283	15.277	15.321	VV	164	3061	0.24%	0.005%
277	15.326	15.321	15.343	VV	133	1031	0.08%	0.002%
278	15.354	15.343	15.366	VV	171	1417	0.11%	0.002%
279	15.384	15.366	15.412	VV	168	2268	0.18%	0.003%
280	15.418	15.412	15.434	VV	85	705	0.05%	0.001%
281	15.452	15.434	15.487	VV	138	2702	0.21%	0.004%
282	15.494	15.487	15.504	VV	70	450	0.03%	0.001%
283	15.508	15.504	15.526	PV	91	566	0.04%	0.001%
284	15.536	15.526	15.550	VV	113	1060	0.08%	0.002%
285	15.555	15.550	15.561	VV	119	514	0.04%	0.001%
286	15.596	15.561	15.625	VV	643	12993	1.01%	0.020%
287	15.634	15.625	15.669	VV	300	4962	0.38%	0.007%
288	15.689	15.669	15.706	VV	137	2020	0.16%	0.003%
289	15.711	15.706	15.714	PV	76	259	0.02%	0.000%
290	15.735	15.714	15.770	VV	614	9578	0.74%	0.014%
291	15.775	15.770	15.779	VV	144	581	0.04%	0.001%
292	15.813	15.779	15.840	VV	507	8696	0.67%	0.013%
293	15.851	15.840	15.871	VV	124	1112	0.09%	0.002%
294	15.874	15.871	15.901	VV	120	810	0.06%	0.001%
295	15.910	15.901	15.951	PV	104	916	0.07%	0.001%
296	15.959	15.951	15.977	PV	118	879	0.07%	0.001%
297	15.982	15.977	15.987	VV	94	416	0.03%	0.001%
298	16.006	15.987	16.016	VV	148	1789	0.14%	0.003%
299	16.020	16.016	16.037	VV	167	1571	0.12%	0.002%

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300	16.054	16.037	16.064	VV	181	2080	0.16%	0.003%
301	16.072	16.064	16.082	VV	108	757	0.06%	0.001%
302	16.085	16.082	16.099	VV	75	492	0.04%	0.001%
303	16.103	16.099	16.142	VV	115	2271	0.18%	0.003%
304	16.171	16.142	16.187	VV	100	2505	0.19%	0.004%
305	16.193	16.187	16.199	VV	143	654	0.05%	0.001%
306	16.204	16.199	16.213	VV	144	1017	0.08%	0.002%
307	16.239	16.213	16.274	VV	745	11879	0.92%	0.018%
308	16.277	16.274	16.322	VV	121	2454	0.19%	0.004%
309	16.339	16.322	16.351	VV	91	719	0.06%	0.001%
310	16.358	16.351	16.364	VV	78	422	0.03%	0.001%
311	16.374	16.364	16.397	VV	167	1903	0.15%	0.003%
312	16.405	16.397	16.506	VV	170	6088	0.47%	0.009%
313	16.532	16.506	16.589	PV	204	5530	0.43%	0.008%
314	16.620	16.589	16.656	VV	217	4916	0.38%	0.007%
315	16.721	16.656	16.751	VV	883	17247	1.34%	0.026%
316	16.757	16.751	16.778	VV	141	1649	0.13%	0.002%
317	16.799	16.778	16.834	VV	347	5616	0.43%	0.008%
318	16.903	16.834	16.920	VV	161	4844	0.38%	0.007%
319	16.930	16.920	16.944	VV	93	920	0.07%	0.001%
320	16.952	16.944	16.967	VV	81	569	0.04%	0.001%
321	17.019	16.967	17.044	PV	108	2213	0.17%	0.003%
322	17.090	17.044	17.115	PV	477	4194	0.32%	0.006%
323	17.187	17.115	17.221	PV	1377	22391	1.73%	0.034%
324	17.237	17.221	17.257	VV	143	2341	0.18%	0.004%
325	17.269	17.257	17.284	VV	134	1033	0.08%	0.002%

Sum of corrected areas: 66507448

FF102124.M Fri Nov 01 06:19:11 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-3		SDG No.:	P4599	
Lab Sample ID:	P4599-03		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	84.9	Decanted:
Sample Wt/Vol:	30.07	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
FF014854.D	250	10/30/24 08:00	10/30/24 23:17	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4500000		54300	490000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103024\
Data File : FF014854.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:17
Operator : YP\AJ
Sample : P4599-03 250X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-3

Integration File: autoint1.e
Quant Time: Nov 01 01:47:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

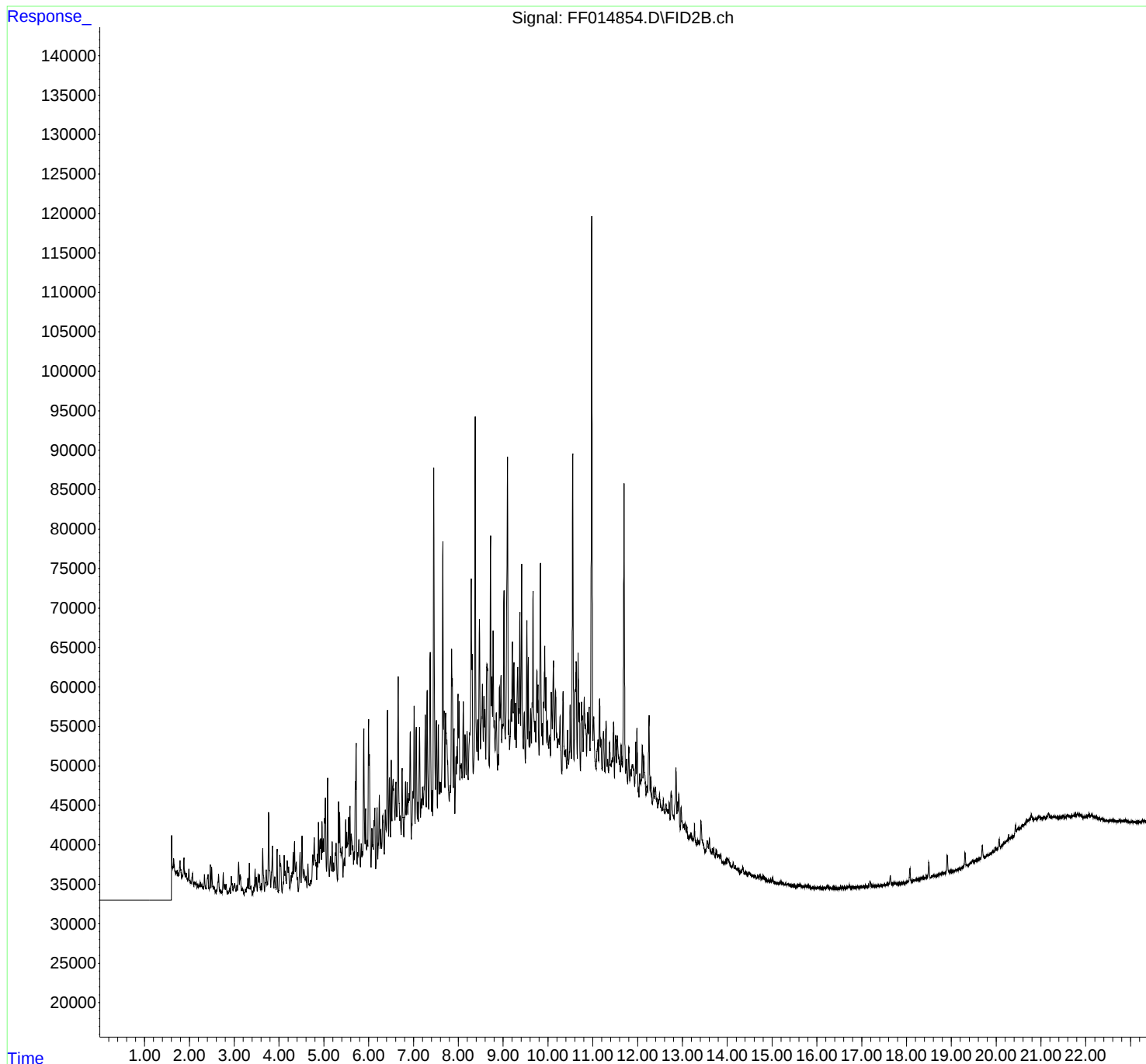
(m)=manual int.

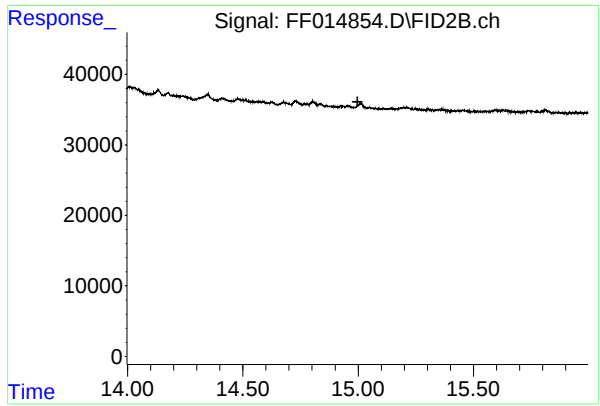
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014854.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:17
Operator : YP\AJ
Sample : P4599-03 250X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-3

Integration File: autoint1.e
Quant Time: Nov 01 01:47:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014854.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:17
Sample : P4599-03 250X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.409	4.400	4.429	BV	788	5138	0.35%	0.008%
2	4.468	4.429	4.493	PV	4865	78254	5.29%	0.116%
3	4.514	4.493	4.541	VV	6838	99230	6.70%	0.147%
4	4.557	4.541	4.585	VV	2461	50123	3.39%	0.074%
5	4.588	4.585	4.597	VV	1279	8179	0.55%	0.012%
6	4.606	4.597	4.624	VV	1457	14466	0.98%	0.021%
7	4.645	4.624	4.671	PV	2973	38188	2.58%	0.057%
8	4.679	4.671	4.686	VV	300	1984	0.13%	0.003%
9	4.703	4.686	4.717	PV	701	6862	0.46%	0.010%
10	4.753	4.717	4.768	VV	3564	58742	3.97%	0.087%
11	4.785	4.768	4.819	VV	5570	102437	6.92%	0.152%
12	4.827	4.819	4.841	VV	2087	18949	1.28%	0.028%
13	4.856	4.841	4.866	PV	2615	20670	1.40%	0.031%
14	4.881	4.866	4.900	VBA	5674	52250	3.53%	0.077%
15	4.915	4.900	4.925	BV	2817	28425	1.92%	0.042%
16	4.935	4.925	4.947	VV	3135	27845	1.88%	0.041%
17	4.960	4.947	4.975	VV	5510	54801	3.70%	0.081%
18	4.989	4.975	5.000	VV	3569	41477	2.80%	0.061%
19	5.015	5.000	5.022	VV	6389	63127	4.27%	0.094%
20	5.034	5.022	5.062	VV	9217	109538	7.40%	0.162%
21	5.083	5.062	5.123	VV	12133	143664	9.71%	0.213%
22	5.148	5.123	5.168	PV	2667	42606	2.88%	0.063%
23	5.186	5.168	5.205	VV	4598	57429	3.88%	0.085%
24	5.217	5.205	5.235	VV	1999	25663	1.73%	0.038%
25	5.256	5.235	5.262	VV	3404	36606	2.47%	0.054%
26	5.275	5.262	5.303	VV	4650	58635	3.96%	0.087%
27	5.328	5.303	5.341	PV	9936	110285	7.45%	0.163%
28	5.354	5.341	5.368	VV	8618	99143	6.70%	0.147%
29	5.375	5.368	5.385	VV	4036	38430	2.60%	0.057%
30	5.410	5.385	5.429	VV	4249	76794	5.19%	0.114%
31	5.455	5.429	5.467	VV	2666	46541	3.14%	0.069%
32	5.488	5.467	5.501	VV	7636	101705	6.87%	0.151%
33	5.512	5.501	5.524	VV	6051	68734	4.64%	0.102%
34	5.553	5.524	5.567	VV	7972	140722	9.51%	0.208%
35	5.583	5.567	5.599	VV	9308	118409	8.00%	0.175%
36	5.612	5.599	5.640	VV	5754	116858	7.90%	0.173%

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37	5.649	5.640	5.663	VV	4279	46384	3.13%	0.069%
38	5.677	5.663	5.686	VV	3460	37884	2.56%	0.056%
39	5.703	5.686	5.709	VV	12390	116341	7.86%	0.172%
40	5.720	5.709	5.742	VV	17224	201455	13.61%	0.298%
41	5.757	5.742	5.764	VV	3393	38597	2.61%	0.057%
42	5.782	5.764	5.816	VV	5017	112794	7.62%	0.167%
43	5.836	5.816	5.850	VV	4381	67806	4.58%	0.100%
44	5.860	5.850	5.868	VV	3483	34692	2.34%	0.051%
45	5.891	5.868	5.918	VV	19007	292104	19.74%	0.433%
46	5.931	5.918	5.957	VV	8825	132642	8.96%	0.196%
47	5.972	5.957	5.980	VV	4850	60743	4.10%	0.090%
48	5.997	5.980	6.008	VV	20144	222063	15.00%	0.329%
49	6.016	6.008	6.053	VV	15657	232127	15.68%	0.344%
50	6.074	6.053	6.089	VV	6324	88600	5.99%	0.131%
51	6.094	6.089	6.103	VV	4267	35557	2.40%	0.053%
52	6.119	6.103	6.126	VV	7281	79966	5.40%	0.118%
53	6.137	6.126	6.157	VV	8844	104991	7.09%	0.156%
54	6.187	6.157	6.204	VV	8898	120512	8.14%	0.179%
55	6.238	6.204	6.256	VV	10415	185097	12.51%	0.274%
56	6.270	6.256	6.288	VV	6062	88850	6.00%	0.132%
57	6.313	6.288	6.349	VV	7848	201818	13.64%	0.299%
58	6.372	6.349	6.395	VV	8543	168760	11.40%	0.250%
59	6.421	6.395	6.445	VV	21169	380798	25.73%	0.564%
60	6.463	6.445	6.487	VV	12573	219132	14.81%	0.325%
61	6.504	6.487	6.518	VV	14756	187629	12.68%	0.278%
62	6.546	6.518	6.586	VV	12366	411236	27.79%	0.609%
63	6.608	6.586	6.632	VV	11946	248937	16.82%	0.369%
64	6.660	6.632	6.696	VV	25316	503717	34.03%	0.746%
65	6.705	6.696	6.726	VV	7630	120093	8.11%	0.178%
66	6.746	6.726	6.784	VV	13627	295222	19.95%	0.437%
67	6.822	6.784	6.836	VV	11858	258716	17.48%	0.383%
68	6.859	6.836	6.873	VV	11837	211158	14.27%	0.313%
69	6.886	6.873	6.894	VV	9729	112658	7.61%	0.167%
70	6.903	6.894	6.911	VV	10449	102229	6.91%	0.151%
71	6.928	6.911	6.951	VV	18228	299393	20.23%	0.444%
72	6.987	6.951	7.000	VV	10661	236679	15.99%	0.351%
73	7.015	7.000	7.035	VV	21432	293819	19.85%	0.435%
74	7.061	7.035	7.088	VV	18722	383691	25.92%	0.568%
75	7.097	7.088	7.109	VV	9237	105099	7.10%	0.156%
76	7.137	7.109	7.158	VV	18703	356482	24.09%	0.528%
77	7.176	7.158	7.188	VV	9581	155120	10.48%	0.230%
78	7.204	7.188	7.220	VV	11146	185524	12.53%	0.275%
79	7.264	7.220	7.285	VV	20198	507769	34.31%	0.752%
80	7.304	7.285	7.340	VV	23285	475614	32.13%	0.705%
81	7.373	7.340	7.405	VV	28124	621738	42.01%	0.921%
82	7.417	7.405	7.430	VV	10623	139626	9.43%	0.207%
83	7.453	7.430	7.490	VV	51439	890464	60.16%	1.319%
84	7.511	7.490	7.535	VV	19349	383609	25.92%	0.568%
85	7.554	7.535	7.571	VV	18882	300264	20.29%	0.445%
86	7.582	7.571	7.593	VV	11617	140131	9.47%	0.208%
87	7.605	7.593	7.617	VV	11524	158311	10.70%	0.235%
88	7.655	7.617	7.674	VV	42044	747124	50.48%	1.107%
89	7.682	7.674	7.701	VV	20572	274468	18.54%	0.407%

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90	7.716	7.701	7.741	VV	20286	410226	27.72%	0.608%
91	7.746	7.741	7.760	VV	16856	180266	12.18%	0.267%
92	7.764	7.760	7.800	VV	14247	264061	17.84%	0.391%
93	7.817	7.800	7.830	VV	11071	191584	12.94%	0.284%
94	7.852	7.830	7.863	VV	28335	403661	27.27%	0.598%
95	7.868	7.863	7.888	VV	24617	279955	18.92%	0.415%
96	7.905	7.888	7.924	VV	18251	289551	19.56%	0.429%
97	7.948	7.924	7.958	VV	14642	240826	16.27%	0.357%
98	7.970	7.958	7.979	VV	15826	181219	12.24%	0.268%
99	7.994	7.979	8.005	VV	22594	293776	19.85%	0.435%
100	8.018	8.005	8.036	VV	21621	327852	22.15%	0.486%
101	8.050	8.036	8.059	VV	13534	175576	11.86%	0.260%
102	8.068	8.059	8.084	VV	13770	195306	13.20%	0.289%
103	8.113	8.084	8.135	VV	21555	481997	32.57%	0.714%
104	8.152	8.135	8.175	VV	17357	355649	24.03%	0.527%
105	8.197	8.175	8.221	VV	17790	407991	27.57%	0.604%
106	8.289	8.221	8.302	VV	36969	1017470	68.75%	1.507%
107	8.309	8.302	8.334	VV	27509	375768	25.39%	0.557%
108	8.378	8.334	8.414	VV	57596	1164846	78.70%	1.726%
109	8.433	8.414	8.449	VV	19169	360639	24.37%	0.534%
110	8.474	8.449	8.496	VV	31915	640379	43.27%	0.949%
111	8.539	8.496	8.558	VV	23637	722564	48.82%	1.070%
112	8.573	8.558	8.584	VV	22067	295348	19.96%	0.438%
113	8.595	8.584	8.614	VV	20437	324876	21.95%	0.481%
114	8.638	8.614	8.647	VV	26128	440613	29.77%	0.653%
115	8.653	8.647	8.692	VV	25514	505704	34.17%	0.749%
116	8.720	8.692	8.736	VV	42160	683797	46.20%	1.013%
117	8.747	8.736	8.763	VV	24450	368574	24.90%	0.546%
118	8.778	8.763	8.797	VV	30256	497351	33.60%	0.737%
119	8.805	8.797	8.820	VV	18895	236252	15.96%	0.350%
120	8.848	8.820	8.876	VV	19809	565351	38.20%	0.838%
121	8.888	8.876	8.898	VV	14610	178849	12.08%	0.265%
122	8.919	8.898	8.932	VV	23145	390259	26.37%	0.578%
123	8.953	8.932	8.970	VV	24534	473987	32.02%	0.702%
124	8.983	8.970	8.991	VV	18344	213743	14.44%	0.317%
125	9.019	8.991	9.048	VV	35296	788990	53.31%	1.169%
126	9.099	9.048	9.121	VV	52182	1307316	88.33%	1.937%
127	9.129	9.121	9.146	VV	18736	259338	17.52%	0.384%
128	9.179	9.146	9.189	VV	21434	469766	31.74%	0.696%
129	9.206	9.189	9.226	VV	28614	516975	34.93%	0.766%
130	9.242	9.226	9.263	VV	26081	490408	33.13%	0.726%
131	9.277	9.263	9.294	VV	20965	341433	23.07%	0.506%
132	9.326	9.294	9.342	VV	25394	611083	41.29%	0.905%
133	9.353	9.342	9.359	VV	20189	189818	12.83%	0.281%
134	9.374	9.359	9.390	VV	32399	466684	31.53%	0.691%
135	9.415	9.390	9.451	VV	38510	863204	58.32%	1.279%
136	9.472	9.451	9.496	VV	19659	454182	30.69%	0.673%
137	9.531	9.496	9.549	VV	31354	659930	44.59%	0.978%
138	9.563	9.549	9.578	VV	26585	368458	24.89%	0.546%
139	9.589	9.578	9.601	VV	17192	218263	14.75%	0.323%
140	9.615	9.601	9.632	VV	19999	337723	22.82%	0.500%
141	9.648	9.632	9.652	VV	20789	227620	15.38%	0.337%

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142	9.669	9.652	9.704	VV	35020	739491	49.96%	1.095%
143	9.714	9.704	9.729	VV	18523	259553	17.54%	0.384%
144	9.753	9.729	9.767	VV	24871	462420	31.24%	0.685%
145	9.777	9.767	9.804	VV	23082	415974	28.11%	0.616%
146	9.833	9.804	9.863	VV	38449	858567	58.01%	1.272%
147	9.873	9.863	9.887	VV	18148	240598	16.26%	0.356%
148	9.903	9.887	9.911	VV	20865	280113	18.93%	0.415%
149	9.928	9.911	9.944	VV	27868	474862	32.08%	0.703%
150	9.957	9.944	9.974	VV	23903	364341	24.62%	0.540%
151	9.992	9.974	10.018	VV	18336	435099	29.40%	0.645%
152	10.033	10.018	10.057	VV	16382	367877	24.86%	0.545%
153	10.076	10.057	10.098	VV	22003	452997	30.61%	0.671%
154	10.124	10.098	10.148	VV	25881	632246	42.72%	0.937%
155	10.170	10.148	10.193	VV	22064	526479	35.57%	0.780%
156	10.200	10.193	10.214	VV	16584	198321	13.40%	0.294%
157	10.229	10.214	10.237	VV	16009	215281	14.55%	0.319%
158	10.244	10.237	10.252	VV	15980	144312	9.75%	0.214%
159	10.271	10.252	10.309	VV	18927	523724	35.39%	0.776%
160	10.338	10.309	10.372	VV	22010	617041	41.69%	0.914%
161	10.376	10.372	10.386	VV	14398	112624	7.61%	0.167%
162	10.398	10.386	10.420	VV	14565	276567	18.69%	0.410%
163	10.439	10.420	10.465	VV	17032	392934	26.55%	0.582%
164	10.496	10.465	10.526	VV	20161	568188	38.39%	0.842%
165	10.553	10.526	10.581	VV	51915	962042	65.00%	1.425%
166	10.629	10.581	10.657	VV	25626	890613	60.17%	1.319%
167	10.674	10.657	10.690	VV	26759	406786	27.48%	0.603%
168	10.701	10.690	10.725	VV	20411	356005	24.05%	0.527%
169	10.749	10.725	10.761	VV	20468	357784	24.17%	0.530%
170	10.767	10.761	10.787	VV	18737	271648	18.35%	0.402%
171	10.811	10.787	10.836	VV	21120	520740	35.18%	0.771%
172	10.841	10.836	10.864	VV	17419	270457	18.27%	0.401%
173	10.884	10.864	10.901	VV	19125	376159	25.42%	0.557%
174	10.919	10.901	10.940	VV	19754	405322	27.39%	0.600%
175	10.976	10.940	11.004	VV	81659	1480059	100.00%	2.193%
176	11.022	11.004	11.070	VV	18502	598835	40.46%	0.887%
177	11.117	11.070	11.131	VV	15614	503331	34.01%	0.746%
178	11.153	11.131	11.171	VV	20771	408946	27.63%	0.606%
179	11.184	11.171	11.214	VV	15575	355117	23.99%	0.526%
180	11.238	11.214	11.270	VV	16553	471224	31.84%	0.698%
181	11.295	11.270	11.321	VV	17846	443696	29.98%	0.657%
182	11.331	11.321	11.352	VV	13051	235775	15.93%	0.349%
183	11.375	11.352	11.399	VV	15079	369850	24.99%	0.548%
184	11.409	11.399	11.417	VV	12396	131171	8.86%	0.194%
185	11.435	11.417	11.443	VV	13082	202164	13.66%	0.299%
186	11.463	11.443	11.485	VV	17632	366221	24.74%	0.543%
187	11.513	11.485	11.531	VV	15954	384845	26.00%	0.570%
188	11.550	11.531	11.594	VV	15842	525762	35.52%	0.779%
189	11.602	11.594	11.615	VV	12487	149780	10.12%	0.222%
190	11.631	11.615	11.661	VV	14767	364583	24.63%	0.540%
191	11.698	11.661	11.733	VV	47821	1008531	68.14%	1.494%
192	11.754	11.733	11.777	VV	12925	308353	20.83%	0.457%
193	11.805	11.777	11.827	VV	14293	352687	23.83%	0.522%
194	11.847	11.827	11.861	VV	11548	229142	15.48%	0.339%

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195	11.879	11.861	11.884	VV	12153	157186	10.62%	0.233%
196	11.889	11.884	11.906	VV	12182	156352	10.56%	0.232%
197	11.911	11.906	11.935	VV	11558	187486	12.67%	0.278%
198	11.957	11.935	11.971	VV	14990	261028	17.64%	0.387%
199	11.986	11.971	12.028	VV	16734	391155	26.43%	0.579%
200	12.049	12.028	12.067	VV	10892	232795	15.73%	0.345%
201	12.105	12.067	12.122	VV	14421	373278	25.22%	0.553%
202	12.137	12.122	12.192	VV	13145	446229	30.15%	0.661%
203	12.209	12.192	12.227	VV	9300	182156	12.31%	0.270%
204	12.256	12.227	12.279	VV	18233	410234	27.72%	0.608%
205	12.295	12.279	12.329	VV	10398	258558	17.47%	0.383%
206	12.357	12.329	12.372	VV	8979	211901	14.32%	0.314%
207	12.392	12.372	12.421	VV	8986	243423	16.45%	0.361%
208	12.429	12.421	12.445	VV	7725	106662	7.21%	0.158%
209	12.460	12.445	12.469	VV	7407	100984	6.82%	0.150%
210	12.490	12.469	12.514	VV	8289	202593	13.69%	0.300%
211	12.521	12.514	12.536	VV	6727	83199	5.62%	0.123%
212	12.542	12.536	12.550	VV	6292	54905	3.71%	0.081%
213	12.575	12.550	12.614	VV	7606	245346	16.58%	0.363%
214	12.635	12.614	12.652	VV	6927	145195	9.81%	0.215%
215	12.657	12.652	12.667	VV	6197	52389	3.54%	0.078%
216	12.676	12.667	12.686	VV	6149	66688	4.51%	0.099%
217	12.703	12.686	12.727	VV	7030	148702	10.05%	0.220%
218	12.749	12.727	12.810	VV	8413	315985	21.35%	0.468%
219	12.856	12.810	12.877	VV	11371	302186	20.42%	0.448%
220	12.892	12.877	12.903	VV	7016	97468	6.59%	0.144%
221	12.920	12.903	12.951	VV	8008	170056	11.49%	0.252%
222	12.971	12.951	13.015	VV	6343	178511	12.06%	0.264%
223	13.032	13.015	13.048	VV	4114	75738	5.12%	0.112%
224	13.062	13.048	13.083	VV	4237	78152	5.28%	0.116%
225	13.097	13.083	13.122	VV	3847	75497	5.10%	0.112%
226	13.130	13.122	13.145	VV	2567	34544	2.33%	0.051%
227	13.161	13.145	13.177	VV	2753	47364	3.20%	0.070%
228	13.191	13.177	13.223	VV	3004	71573	4.84%	0.106%
229	13.236	13.223	13.249	VV	2259	34766	2.35%	0.052%
230	13.269	13.249	13.317	VV	4120	98111	6.63%	0.145%
231	13.339	13.317	13.354	VV	2061	37849	2.56%	0.056%
232	13.365	13.354	13.378	VV	1864	24129	1.63%	0.036%
233	13.413	13.378	13.517	VV	4412	154383	10.43%	0.229%
234	13.552	13.517	13.584	VV	1815	49617	3.35%	0.074%
235	13.600	13.584	13.620	VV	2170	30483	2.06%	0.045%
236	13.628	13.620	13.651	VV	621	7833	0.53%	0.012%
237	13.666	13.651	13.681	VV	830	7827	0.53%	0.012%
238	13.751	13.701	13.789	BV	537	-5101	-0.34%	-0.008%
239	13.809	13.789	13.839	PV	411	8819	0.60%	0.013%
240	13.855	13.839	13.883	VV	753	10896	0.74%	0.016%
241	13.895	13.883	13.917	PV	173	2383	0.16%	0.004%
242	13.933	13.917	13.944	PV	258	2558	0.17%	0.004%
243	13.968	13.944	13.991	VV	736	13582	0.92%	0.020%
244	14.008	13.991	14.093	VV	983	36236	2.45%	0.054%
245	14.133	14.093	14.157	VV	907	16381	1.11%	0.024%
246	14.175	14.157	14.231	VV	605	14575	0.98%	0.022%

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247	14.239	14.231	14.290	VV	319	7141	0.48%	0.011%
248	14.347	14.290	14.389	PV	817	20713	1.40%	0.031%
249	14.411	14.389	14.462	VV	465	9813	0.66%	0.015%
250	14.479	14.462	14.569	VV	512	17064	1.15%	0.025%
251	14.574	14.569	14.614	VV	265	5278	0.36%	0.008%
252	14.624	14.614	14.656	VV	293	3408	0.23%	0.005%
253	14.677	14.656	14.709	PV	356	6945	0.47%	0.010%
254	14.729	14.709	14.759	VV	648	10748	0.73%	0.016%
255	14.767	14.759	14.786	VV	246	3515	0.24%	0.005%
256	14.803	14.786	14.823	VV	623	9663	0.65%	0.014%
257	14.837	14.823	14.910	VV	387	7794	0.53%	0.012%
258	14.924	14.910	14.943	PV	181	2540	0.17%	0.004%
259	14.954	14.943	14.978	VV	264	3766	0.25%	0.006%
260	15.011	14.978	15.041	VV	706	11568	0.78%	0.017%
261	15.050	15.041	15.094	VV	160	2266	0.15%	0.003%
262	15.115	15.094	15.127	PV	124	1052	0.07%	0.002%
263	15.145	15.127	15.162	VV	104	1793	0.12%	0.003%
264	15.196	15.162	15.241	VV	301	10208	0.69%	0.015%
265	15.249	15.241	15.282	VV	175	3009	0.20%	0.004%
266	15.302	15.282	15.328	VV	225	3105	0.21%	0.005%
267	15.363	15.328	15.406	VV	214	5986	0.40%	0.009%
268	15.414	15.406	15.424	VV	132	808	0.05%	0.001%
269	15.452	15.424	15.496	VV	213	4796	0.32%	0.007%
270	15.518	15.496	15.529	PV	127	1469	0.10%	0.002%
271	15.553	15.529	15.572	PV	147	2623	0.18%	0.004%
272	15.595	15.572	15.622	VV	348	6699	0.45%	0.010%
273	15.631	15.622	15.721	VV	320	9139	0.62%	0.014%
274	15.739	15.721	15.787	VV	352	8144	0.55%	0.012%
275	15.814	15.787	15.881	VV	404	9208	0.62%	0.014%
276	15.888	15.881	15.908	VV	103	624	0.04%	0.001%
277	15.938	15.908	15.957	PV	136	2188	0.15%	0.003%
278	15.975	15.957	16.047	VV	140	5864	0.40%	0.009%
279	16.054	16.047	16.094	VV	154	2864	0.19%	0.004%
280	16.097	16.094	16.107	VV	115	552	0.04%	0.001%
281	16.115	16.107	16.133	PV	81	1000	0.07%	0.001%
282	16.166	16.133	16.212	VV	214	5872	0.40%	0.009%
283	16.238	16.212	16.263	VV	328	5879	0.40%	0.009%
284	16.277	16.263	16.324	VV	134	3304	0.22%	0.005%
285	16.330	16.324	16.352	VV	75	1038	0.07%	0.002%
286	16.376	16.352	16.393	PV	165	2502	0.17%	0.004%
287	16.407	16.393	16.439	VV	140	2709	0.18%	0.004%
288	16.448	16.439	16.480	VV	89	1067	0.07%	0.002%
289	16.526	16.480	16.547	PV	259	2490	0.17%	0.004%
290	16.557	16.547	16.576	VV	139	1679	0.11%	0.002%
291	16.581	16.576	16.597	VV	147	1067	0.07%	0.002%
292	16.608	16.597	16.654	VV	199	2736	0.18%	0.004%
293	16.718	16.654	16.749	PV	464	10288	0.70%	0.015%
294	16.755	16.749	16.777	VV	113	1618	0.11%	0.002%
295	16.798	16.777	16.820	VV	218	3308	0.22%	0.005%
296	16.853	16.820	16.876	VV	104	2520	0.17%	0.004%
297	16.909	16.876	16.917	VV	114	2417	0.16%	0.004%
298	16.924	16.917	16.941	VV	92	1092	0.07%	0.002%
299	16.949	16.941	16.961	VV	107	699	0.05%	0.001%

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300	17.002	16.961	17.015	PV	148	2075	0.14%	0.003%
301	17.067	17.015	17.108	PV	156	4822	0.33%	0.007%
302	17.187	17.108	17.224	VV	743	14374	0.97%	0.021%
303	17.234	17.224	17.251	VV	86	983	0.07%	0.001%
304	17.270	17.251	17.290	VV	119	1814	0.12%	0.003%
Sum of corrected areas:						67503993		

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4		SDG No.:	P4599	
Lab Sample ID:	P4599-04		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	86.4	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
FF014855.D	100	10/30/24 08:00	10/30/24 23:46	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2270000		21400	193000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103024\
Data File : FF014855.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:46
Operator : YP\AJ
Sample : P4599-04 100X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-4

Integration File: autoint1.e
Quant Time: Nov 01 01:47:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

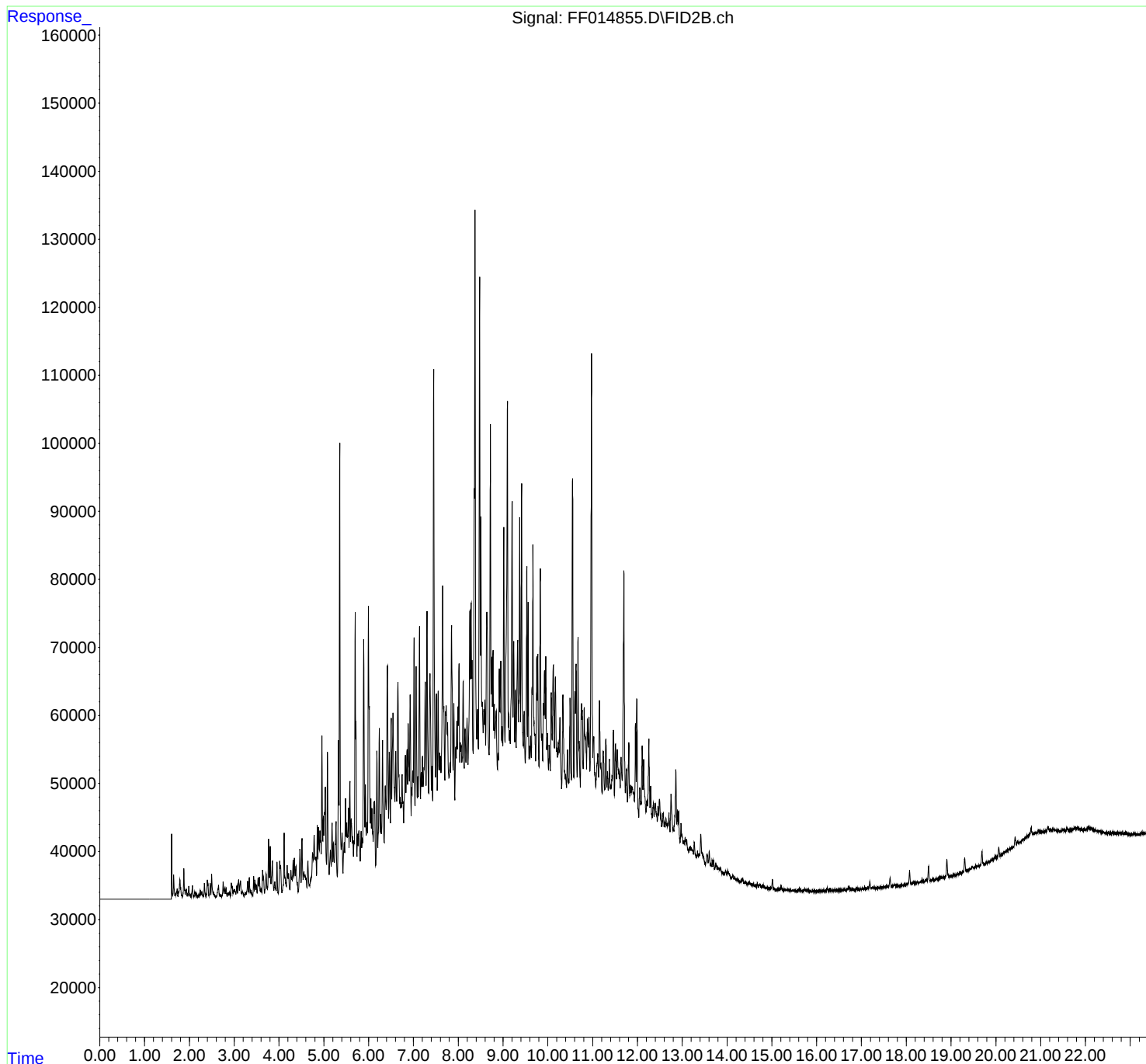
(m)=manual int.

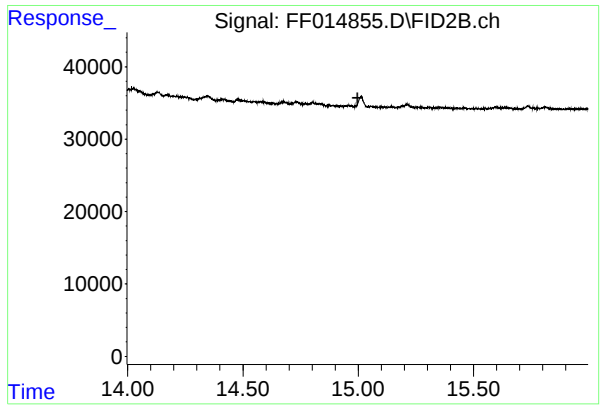
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014855.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:46
Operator : YP\AJ
Sample : P4599-04 100X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-4

Integration File: autoint1.e
Quant Time: Nov 01 01:47:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014855.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 23:46
Sample : P4599-04 100X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.406	4.400	4.427	BV	344	3257	0.15%	0.004%
2	4.469	4.427	4.495	PV	6151	102509	4.85%	0.118%
3	4.513	4.495	4.539	VV	7496	104335	4.94%	0.121%
4	4.556	4.539	4.598	VV	2522	65784	3.11%	0.076%
5	4.605	4.598	4.624	VV	1502	13732	0.65%	0.016%
6	4.645	4.624	4.685	VV	3829	50866	2.41%	0.059%
7	4.704	4.685	4.710	PV	728	6794	0.32%	0.008%
8	4.750	4.710	4.767	VV	4314	80805	3.82%	0.093%
9	4.785	4.767	4.817	VV	6514	120137	5.69%	0.139%
10	4.825	4.817	4.840	VV	2872	27217	1.29%	0.031%
11	4.856	4.840	4.868	PV	6404	53816	2.55%	0.062%
12	4.882	4.868	4.900	VBA	4443	44738	2.12%	0.052%
13	4.915	4.900	4.927	BV	3062	28619	1.35%	0.033%
14	4.932	4.927	4.943	VV	1930	13148	0.62%	0.015%
15	4.959	4.943	4.977	VV	17691	171873	8.13%	0.199%
16	4.991	4.977	5.003	VV	6474	72285	3.42%	0.084%
17	5.016	5.003	5.020	VV	7422	63220	2.99%	0.073%
18	5.034	5.020	5.063	VV	11421	147167	6.97%	0.170%
19	5.083	5.063	5.122	VV	17356	204001	9.66%	0.236%
20	5.148	5.122	5.166	PV	3656	57634	2.73%	0.067%
21	5.185	5.166	5.204	VV	7718	97688	4.62%	0.113%
22	5.216	5.204	5.238	VV	4892	64425	3.05%	0.074%
23	5.273	5.238	5.303	VV	8090	146004	6.91%	0.169%
24	5.328	5.303	5.339	PV	20105	204998	9.70%	0.237%
25	5.356	5.339	5.389	VV	63753	723122	34.23%	0.836%
26	5.410	5.389	5.427	VV	6442	97044	4.59%	0.112%
27	5.456	5.427	5.467	VV	5029	80462	3.81%	0.093%
28	5.487	5.467	5.502	VV	11486	164888	7.80%	0.191%
29	5.511	5.502	5.523	VV	7915	88126	4.17%	0.102%
30	5.529	5.523	5.534	VV	6022	38370	1.82%	0.044%
31	5.552	5.534	5.565	VV	10107	139720	6.61%	0.161%
32	5.582	5.565	5.599	VV	14053	187080	8.85%	0.216%
33	5.612	5.599	5.639	VV	8484	166369	7.87%	0.192%
34	5.648	5.639	5.662	VV	5915	67139	3.18%	0.078%
35	5.677	5.662	5.682	VV	5241	53071	2.51%	0.061%
36	5.701	5.682	5.713	VV	38827	416839	19.73%	0.482%

					rteres			
37	5.720	5.713	5.740	VV	22788	221312	10.47%	0.256%
38	5.756	5.740	5.768	VV	6162	82157	3.89%	0.095%
39	5.783	5.768	5.815	VV	6722	139070	6.58%	0.161%
40	5.834	5.815	5.848	VV	6607	97800	4.63%	0.113%
41	5.859	5.848	5.869	VV	5597	63333	3.00%	0.073%
42	5.892	5.869	5.918	VV	34851	523115	24.76%	0.605%
43	5.930	5.918	5.948	VV	13409	171957	8.14%	0.199%
44	5.969	5.948	5.978	VV	7854	126376	5.98%	0.146%
45	5.996	5.978	6.041	VV	39452	778537	36.85%	0.900%
46	6.052	6.041	6.063	VV	11360	123977	5.87%	0.143%
47	6.074	6.063	6.089	VV	9937	125742	5.95%	0.145%
48	6.094	6.089	6.103	VV	6487	51435	2.43%	0.059%
49	6.119	6.103	6.128	VV	10923	128023	6.06%	0.148%
50	6.137	6.128	6.159	VV	10993	127242	6.02%	0.147%
51	6.187	6.159	6.205	VV	18315	232350	11.00%	0.269%
52	6.240	6.205	6.258	VV	21703	356846	16.89%	0.412%
53	6.269	6.258	6.285	VV	9024	121856	5.77%	0.141%
54	6.312	6.285	6.349	VV	19922	393547	18.63%	0.455%
55	6.372	6.349	6.396	VV	13154	275013	13.02%	0.318%
56	6.420	6.396	6.447	VV	30855	599717	28.39%	0.693%
57	6.463	6.447	6.487	VV	18166	311344	14.74%	0.360%
58	6.504	6.487	6.517	VV	23113	285572	13.52%	0.330%
59	6.546	6.517	6.588	VV	23866	694085	32.85%	0.802%
60	6.607	6.588	6.629	VV	18226	344163	16.29%	0.398%
61	6.656	6.629	6.674	VV	28374	535593	25.35%	0.619%
62	6.679	6.674	6.698	VV	14763	180597	8.55%	0.209%
63	6.705	6.698	6.717	VV	11440	129506	6.13%	0.150%
64	6.726	6.717	6.733	VV	10657	98800	4.68%	0.114%
65	6.748	6.733	6.783	VV	14781	342534	16.21%	0.396%
66	6.821	6.783	6.835	VV	17609	396826	18.78%	0.459%
67	6.858	6.835	6.870	VV	18384	328370	15.54%	0.380%
68	6.885	6.870	6.912	VV	22236	427585	20.24%	0.494%
69	6.928	6.912	6.950	VV	26485	437289	20.70%	0.505%
70	6.962	6.950	6.970	VV	12845	138620	6.56%	0.160%
71	6.984	6.970	6.997	VV	15179	225418	10.67%	0.261%
72	7.016	6.997	7.037	VV	34871	500155	23.67%	0.578%
73	7.061	7.037	7.086	VV	30602	578194	27.37%	0.668%
74	7.097	7.086	7.108	VV	14420	171862	8.13%	0.199%
75	7.138	7.108	7.160	VV	36477	662534	31.36%	0.766%
76	7.175	7.160	7.188	VV	15005	229256	10.85%	0.265%
77	7.203	7.188	7.218	VV	17420	268382	12.70%	0.310%
78	7.238	7.218	7.243	VV	15711	217618	10.30%	0.252%
79	7.265	7.243	7.284	VV	28315	515734	24.41%	0.596%
80	7.305	7.284	7.341	VV	38726	759228	35.94%	0.878%
81	7.371	7.341	7.406	VV	29498	819747	38.80%	0.947%
82	7.418	7.406	7.430	VV	15904	201344	9.53%	0.233%
83	7.453	7.430	7.494	VV	74260	1301026	61.58%	1.504%
84	7.514	7.494	7.534	VV	26480	471910	22.34%	0.545%
85	7.554	7.534	7.570	VV	26926	424509	20.09%	0.491%
86	7.581	7.570	7.593	VV	17829	228055	10.79%	0.264%
87	7.604	7.593	7.618	VV	17325	238999	11.31%	0.276%
88	7.655	7.618	7.675	VV	42284	897280	42.47%	1.037%
89	7.680	7.675	7.702	VV	24610	326838	15.47%	0.378%

					rteres			
90	7.719	7.702	7.724	VV	23858	266867	12.63%	0.308%
91	7.733	7.724	7.758	VV	24723	463628	21.94%	0.536%
92	7.765	7.758	7.798	VV	22226	425497	20.14%	0.492%
93	7.818	7.798	7.829	VV	16257	278806	13.20%	0.322%
94	7.852	7.829	7.886	VV	36505	868116	41.09%	1.003%
95	7.906	7.886	7.924	VV	25042	419994	19.88%	0.485%
96	7.947	7.924	7.957	VV	18599	307509	14.55%	0.355%
97	7.970	7.957	7.981	VV	22420	288031	13.63%	0.333%
98	7.994	7.981	8.003	VV	24469	301189	14.26%	0.348%
99	8.019	8.003	8.037	VV	30819	488367	23.12%	0.564%
100	8.048	8.037	8.060	VV	19236	255496	12.09%	0.295%
101	8.067	8.060	8.082	VV	18731	241460	11.43%	0.279%
102	8.112	8.082	8.134	VV	28219	642026	30.39%	0.742%
103	8.152	8.134	8.174	VV	21188	453042	21.44%	0.524%
104	8.199	8.174	8.220	VV	22754	529247	25.05%	0.612%
105	8.261	8.220	8.275	VV	38630	878165	41.56%	1.015%
106	8.289	8.275	8.303	VV	39677	557465	26.39%	0.644%
107	8.311	8.303	8.336	VV	31278	479864	22.71%	0.555%
108	8.377	8.336	8.414	VV	97429	2112768	100.00%	2.442%
109	8.434	8.414	8.451	VV	24072	469646	22.23%	0.543%
110	8.479	8.451	8.495	VV	87363	1325648	62.74%	1.532%
111	8.507	8.495	8.530	VV	52370	771643	36.52%	0.892%
112	8.536	8.530	8.560	VV	25059	415234	19.65%	0.480%
113	8.573	8.560	8.583	VV	24019	316178	14.97%	0.365%
114	8.596	8.583	8.615	VV	25454	439435	20.80%	0.508%
115	8.640	8.615	8.692	VV	38293	1271853	60.20%	1.470%
116	8.720	8.692	8.738	VV	65998	1041818	49.31%	1.204%
117	8.752	8.738	8.765	VV	31666	462722	21.90%	0.535%
118	8.778	8.765	8.795	VV	32725	485613	22.98%	0.561%
119	8.806	8.795	8.822	VV	24705	364388	17.25%	0.421%
120	8.849	8.822	8.876	VV	23700	665481	31.50%	0.769%
121	8.890	8.876	8.898	VV	17584	220011	10.41%	0.254%
122	8.918	8.898	8.932	VV	29903	484289	22.92%	0.560%
123	8.953	8.932	8.971	VV	31029	606311	28.70%	0.701%
124	8.981	8.971	8.996	VV	21388	300222	14.21%	0.347%
125	9.019	8.996	9.045	VV	50714	903876	42.78%	1.045%
126	9.099	9.045	9.120	VV	69252	1726081	81.70%	1.995%
127	9.128	9.120	9.144	VV	23183	301700	14.28%	0.349%
128	9.153	9.144	9.163	VV	20816	237108	11.22%	0.274%
129	9.204	9.163	9.225	VV	54489	1179854	55.84%	1.364%
130	9.241	9.225	9.262	VV	33838	603005	28.54%	0.697%
131	9.277	9.262	9.294	VV	26697	436382	20.65%	0.504%
132	9.328	9.294	9.343	VV	34019	789885	37.39%	0.913%
133	9.375	9.343	9.391	VV	52155	935589	44.28%	1.081%
134	9.416	9.391	9.454	VV	56860	1156492	54.74%	1.337%
135	9.472	9.454	9.497	VV	23503	526415	24.92%	0.608%
136	9.532	9.497	9.548	VV	44864	829296	39.25%	0.959%
137	9.563	9.548	9.580	VV	39516	539737	25.55%	0.624%
138	9.589	9.580	9.600	VV	18441	209262	9.90%	0.242%
139	9.617	9.600	9.631	VV	19896	343359	16.25%	0.397%
140	9.669	9.631	9.707	VV	47863	1261711	59.72%	1.458%
141	9.710	9.707	9.730	VV	20120	258112	12.22%	0.298%

					rteres			
142	9.754	9.730	9.765	VV	31589	510294	24.15%	0.590%
143	9.777	9.765	9.803	VV	31968	542311	25.67%	0.627%
144	9.833	9.803	9.860	VV	44485	940583	44.52%	1.087%
145	9.872	9.860	9.886	VV	20144	288201	13.64%	0.333%
146	9.904	9.886	9.912	VV	24671	338990	16.04%	0.392%
147	9.928	9.912	9.943	VV	29471	481656	22.80%	0.557%
148	9.956	9.943	9.975	VV	31592	489738	23.18%	0.566%
149	9.995	9.975	10.016	VV	20216	441143	20.88%	0.510%
150	10.031	10.016	10.055	VV	18474	384765	18.21%	0.445%
151	10.076	10.055	10.097	VV	26194	536750	25.41%	0.620%
152	10.123	10.097	10.147	VV	30303	727774	34.45%	0.841%
153	10.170	10.147	10.194	VV	28554	653648	30.94%	0.756%
154	10.201	10.194	10.214	VV	17972	218612	10.35%	0.253%
155	10.231	10.214	10.250	VV	18875	382063	18.08%	0.442%
156	10.271	10.250	10.309	VV	22471	620542	29.37%	0.717%
157	10.338	10.309	10.389	VV	25876	830615	39.31%	0.960%
158	10.396	10.389	10.417	VV	14057	228805	10.83%	0.264%
159	10.440	10.417	10.469	VV	17729	447824	21.20%	0.518%
160	10.496	10.469	10.524	VV	25340	573120	27.13%	0.662%
161	10.553	10.524	10.580	VV	57591	1037249	49.09%	1.199%
162	10.605	10.580	10.616	VV	26289	452950	21.44%	0.524%
163	10.631	10.616	10.655	VV	30299	538628	25.49%	0.623%
164	10.674	10.655	10.693	VV	34140	542146	25.66%	0.627%
165	10.701	10.693	10.725	VV	18949	308748	14.61%	0.357%
166	10.750	10.725	10.762	VV	24418	428887	20.30%	0.496%
167	10.769	10.762	10.789	VV	23401	325172	15.39%	0.376%
168	10.813	10.789	10.864	VV	23891	864339	40.91%	0.999%
169	10.885	10.864	10.902	VV	22153	431418	20.42%	0.499%
170	10.920	10.902	10.939	VV	22502	425734	20.15%	0.492%
171	10.976	10.939	11.004	VV	75959	1447109	68.49%	1.673%
172	11.025	11.004	11.048	VV	19552	465141	22.02%	0.538%
173	11.055	11.048	11.070	VV	14134	174452	8.26%	0.202%
174	11.115	11.070	11.134	VV	17011	573453	27.14%	0.663%
175	11.154	11.134	11.175	VV	24844	464929	22.01%	0.537%
176	11.183	11.175	11.213	VV	15673	308880	14.62%	0.357%
177	11.238	11.213	11.270	VV	17358	496503	23.50%	0.574%
178	11.296	11.270	11.318	VV	19167	431100	20.40%	0.498%
179	11.331	11.318	11.350	VV	14333	254392	12.04%	0.294%
180	11.374	11.350	11.395	VV	16134	366815	17.36%	0.424%
181	11.409	11.395	11.419	VV	12339	172392	8.16%	0.199%
182	11.434	11.419	11.441	VV	13713	175238	8.29%	0.203%
183	11.464	11.441	11.486	VV	20463	434987	20.59%	0.503%
184	11.511	11.486	11.532	VV	18238	433547	20.52%	0.501%
185	11.549	11.532	11.595	VV	17576	569216	26.94%	0.658%
186	11.602	11.595	11.614	VV	13799	148516	7.03%	0.172%
187	11.632	11.614	11.660	VV	16456	399452	18.91%	0.462%
188	11.697	11.660	11.728	VV	43778	989480	46.83%	1.144%
189	11.750	11.728	11.776	VV	14732	361925	17.13%	0.418%
190	11.807	11.776	11.832	VV	18581	449621	21.28%	0.520%
191	11.848	11.832	11.862	VV	12261	210150	9.95%	0.243%
192	11.873	11.862	11.880	VV	12154	129760	6.14%	0.150%
193	11.888	11.880	11.906	VV	11878	177710	8.41%	0.205%
194	11.915	11.906	11.934	VV	11221	179255	8.48%	0.207%

					rteres			
195	11.957	11.934	11.971	VV	21348	348270	16.48%	0.403%
196	11.987	11.971	12.028	VV	24946	472083	22.34%	0.546%
197	12.051	12.028	12.082	VV	11902	319991	15.15%	0.370%
198	12.106	12.082	12.123	VV	18054	333873	15.80%	0.386%
199	12.138	12.123	12.190	VV	15981	470558	22.27%	0.544%
200	12.211	12.190	12.227	VV	9919	207624	9.83%	0.240%
201	12.255	12.227	12.279	VV	18991	420264	19.89%	0.486%
202	12.295	12.279	12.330	VV	12079	290110	13.73%	0.335%
203	12.357	12.330	12.373	VV	9603	217267	10.28%	0.251%
204	12.397	12.373	12.422	VV	9451	256586	12.14%	0.297%
205	12.428	12.422	12.443	VV	8007	97603	4.62%	0.113%
206	12.460	12.443	12.472	VV	9028	140040	6.63%	0.162%
207	12.493	12.472	12.512	VV	10100	212768	10.07%	0.246%
208	12.522	12.512	12.539	VV	7817	113726	5.38%	0.131%
209	12.575	12.539	12.595	VV	8001	233667	11.06%	0.270%
210	12.606	12.595	12.619	VV	6609	92780	4.39%	0.107%
211	12.636	12.619	12.667	VV	7292	184824	8.75%	0.214%
212	12.678	12.667	12.687	VV	6444	78391	3.71%	0.091%
213	12.703	12.687	12.727	VV	8024	157446	7.45%	0.182%
214	12.748	12.727	12.789	VV	10821	290029	13.73%	0.335%
215	12.793	12.789	12.809	VV	5726	67337	3.19%	0.078%
216	12.856	12.809	12.876	VV	14453	351875	16.65%	0.407%
217	12.892	12.876	12.907	VV	8505	136346	6.45%	0.158%
218	12.920	12.907	12.952	VV	8275	160201	7.58%	0.185%
219	12.971	12.952	12.988	VV	6492	110421	5.23%	0.128%
220	12.992	12.988	13.017	VV	4803	74317	3.52%	0.086%
221	13.030	13.017	13.044	VV	3888	58377	2.76%	0.067%
222	13.064	13.044	13.084	VV	4435	94060	4.45%	0.109%
223	13.098	13.084	13.122	VV	4082	77624	3.67%	0.090%
224	13.130	13.122	13.145	VV	2680	34267	1.62%	0.040%
225	13.163	13.145	13.180	VV	2930	55856	2.64%	0.065%
226	13.195	13.180	13.209	VV	2919	46565	2.20%	0.054%
227	13.216	13.209	13.249	VV	2622	57474	2.72%	0.066%
228	13.268	13.249	13.322	VV	3634	95812	4.53%	0.111%
229	13.340	13.322	13.357	VV	2290	39198	1.86%	0.045%
230	13.370	13.357	13.386	VV	1955	31345	1.48%	0.036%
231	13.412	13.386	13.519	VV	4729	154375	7.31%	0.178%
232	13.556	13.519	13.585	VV	1871	45906	2.17%	0.053%
233	13.603	13.585	13.649	VV	2228	33068	1.57%	0.038%
234	13.666	13.649	13.682	VV	1003	8538	0.40%	0.010%
235	13.749	13.700	13.798	BV	268	-11054	-0.52%	-0.013%
236	13.805	13.798	13.835	PV	175	2823	0.13%	0.003%
237	13.855	13.835	13.887	VV	636	8621	0.41%	0.010%
238	13.891	13.887	13.923	PV	204	2010	0.10%	0.002%
239	13.935	13.923	13.949	VV	248	2509	0.12%	0.003%
240	13.967	13.949	13.995	VV	737	11382	0.54%	0.013%
241	14.018	13.995	14.090	VV	740	22708	1.07%	0.026%
242	14.096	14.090	14.105	VV	104	536	0.03%	0.001%
243	14.111	14.105	14.115	VV	232	1080	0.05%	0.001%
244	14.132	14.115	14.156	VV	544	8228	0.39%	0.010%
245	14.176	14.156	14.186	VV	405	4315	0.20%	0.005%
246	14.196	14.186	14.209	VV	239	2632	0.12%	0.003%

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247	14.216	14.209	14.224	VV	222	1871	0.09%	0.002%
248	14.229	14.224	14.286	VV	265	6558	0.31%	0.008%
249	14.314	14.286	14.318	PV	240	2368	0.11%	0.003%
250	14.346	14.318	14.381	VV	640	14318	0.68%	0.017%
251	14.408	14.381	14.462	VV	306	7637	0.36%	0.009%
252	14.477	14.462	14.500	PV	357	5839	0.28%	0.007%
253	14.503	14.500	14.524	VV	221	2780	0.13%	0.003%
254	14.528	14.524	14.536	VV	164	819	0.04%	0.001%
255	14.550	14.536	14.562	VV	205	2172	0.10%	0.003%
256	14.589	14.562	14.619	VV	248	4172	0.20%	0.005%
257	14.630	14.619	14.655	PV	117	609	0.03%	0.001%
258	14.676	14.655	14.705	VV	369	5359	0.25%	0.006%
259	14.738	14.705	14.764	VV	392	7115	0.34%	0.008%
260	14.779	14.764	14.784	VV	219	1864	0.09%	0.002%
261	14.802	14.784	14.827	VV	417	6846	0.32%	0.008%
262	14.833	14.827	14.860	VV	259	3110	0.15%	0.004%
263	14.866	14.860	14.883	VV	98	754	0.04%	0.001%
264	14.888	14.883	14.942	PV	80	1253	0.06%	0.001%
265	14.958	14.942	14.981	VV	198	2380	0.11%	0.003%
266	15.012	14.981	15.039	VV	1466	21099	1.00%	0.024%
267	15.043	15.039	15.049	VV	121	634	0.03%	0.001%
268	15.057	15.049	15.093	VV	160	1700	0.08%	0.002%
269	15.121	15.093	15.127	PV	113	1421	0.07%	0.002%
270	15.144	15.127	15.162	VV	160	1713	0.08%	0.002%
271	15.166	15.162	15.169	VV	95	314	0.01%	0.000%
272	15.214	15.169	15.245	VV	465	11229	0.53%	0.013%
273	15.254	15.245	15.281	VV	150	2136	0.10%	0.002%
274	15.290	15.281	15.297	VV	112	802	0.04%	0.001%
275	15.304	15.297	15.322	VV	177	1402	0.07%	0.002%
276	15.328	15.322	15.342	VV	111	966	0.05%	0.001%
277	15.357	15.342	15.374	VV	168	2219	0.11%	0.003%
278	15.379	15.374	15.419	VV	122	1936	0.09%	0.002%
279	15.425	15.419	15.446	VV	123	1075	0.05%	0.001%
280	15.456	15.446	15.475	PV	128	1190	0.06%	0.001%
281	15.508	15.475	15.539	VV	76	1049	0.05%	0.001%
282	15.546	15.539	15.561	VV	71	556	0.03%	0.001%
283	15.568	15.561	15.573	VV	103	495	0.02%	0.001%
284	15.595	15.573	15.601	VV	286	3160	0.15%	0.004%
285	15.604	15.601	15.627	VV	288	3166	0.15%	0.004%
286	15.640	15.627	15.675	VV	272	4613	0.22%	0.005%
287	15.679	15.675	15.685	VV	96	440	0.02%	0.001%
288	15.690	15.685	15.714	VV	149	1084	0.05%	0.001%
289	15.735	15.714	15.752	VV	487	6281	0.30%	0.007%
290	15.757	15.752	15.769	VV	206	1483	0.07%	0.002%
291	15.813	15.769	15.849	VV	374	8274	0.39%	0.010%
292	15.856	15.849	15.885	VV	124	1760	0.08%	0.002%
293	15.893	15.885	15.897	VV	74	313	0.01%	0.000%
294	15.908	15.897	15.915	PV	135	883	0.04%	0.001%
295	15.919	15.915	15.935	VV	180	869	0.04%	0.001%
296	15.940	15.935	15.952	VV	104	801	0.04%	0.001%
297	15.962	15.952	16.018	VV	200	3725	0.18%	0.004%
298	16.025	16.018	16.032	VV	166	1010	0.05%	0.001%
299	16.044	16.032	16.080	VV	183	3088	0.15%	0.004%

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300	16.090	16.080	16.100	PV	37	403	0.02%	0.000%
301	16.137	16.100	16.150	VV	95	1575	0.07%	0.002%
302	16.170	16.150	16.213	VV	144	3359	0.16%	0.004%
303	16.236	16.213	16.294	PV	528	9150	0.43%	0.011%
304	16.299	16.294	16.307	VV	335	715	0.03%	0.001%
305	16.312	16.307	16.344	PV	212	980	0.05%	0.001%
306	16.381	16.344	16.395	VV	137	2389	0.11%	0.003%
307	16.415	16.395	16.440	VV	200	3436	0.16%	0.004%
308	16.456	16.440	16.464	VV	114	1090	0.05%	0.001%
309	16.480	16.464	16.500	VV	91	1084	0.05%	0.001%
310	16.506	16.500	16.519	PV	118	640	0.03%	0.001%
311	16.532	16.519	16.554	VV	154	2120	0.10%	0.002%
312	16.576	16.554	16.587	VV	141	1539	0.07%	0.002%
313	16.598	16.587	16.640	VV	175	2648	0.13%	0.003%
314	16.652	16.640	16.661	PV	56	525	0.02%	0.001%
315	16.688	16.661	16.694	PV	169	2033	0.10%	0.002%
316	16.720	16.694	16.749	VV	650	10577	0.50%	0.012%
317	16.799	16.749	16.829	VV	206	5424	0.26%	0.006%
318	16.900	16.829	16.934	VV	180	6274	0.30%	0.007%
319	16.943	16.934	16.985	VV	91	2014	0.10%	0.002%
320	17.020	16.985	17.033	PV	148	1805	0.09%	0.002%
321	17.077	17.033	17.119	VV	216	4425	0.21%	0.005%
322	17.146	17.119	17.161	PV	145	2270	0.11%	0.003%
323	17.186	17.161	17.227	VV	1015	14706	0.70%	0.017%
324	17.235	17.227	17.256	VV	155	1331	0.06%	0.002%
325	17.264	17.256	17.300	PBA	114	-996	-0.05%	-0.001%

Sum of corrected areas: 86517162

FF102124.M Fri Nov 01 06:22:48 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5		SDG No.:	P4599	
Lab Sample ID:	P4599-05		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	84.1	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
FF014856.D	250	10/30/24 08:00	10/31/24 0:14	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4820000		54800	494000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103024\
Data File : FF014856.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:14
Operator : YP\AJ
Sample : P4599-05 250X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-5

Integration File: autoint1.e
Quant Time: Nov 01 01:47:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

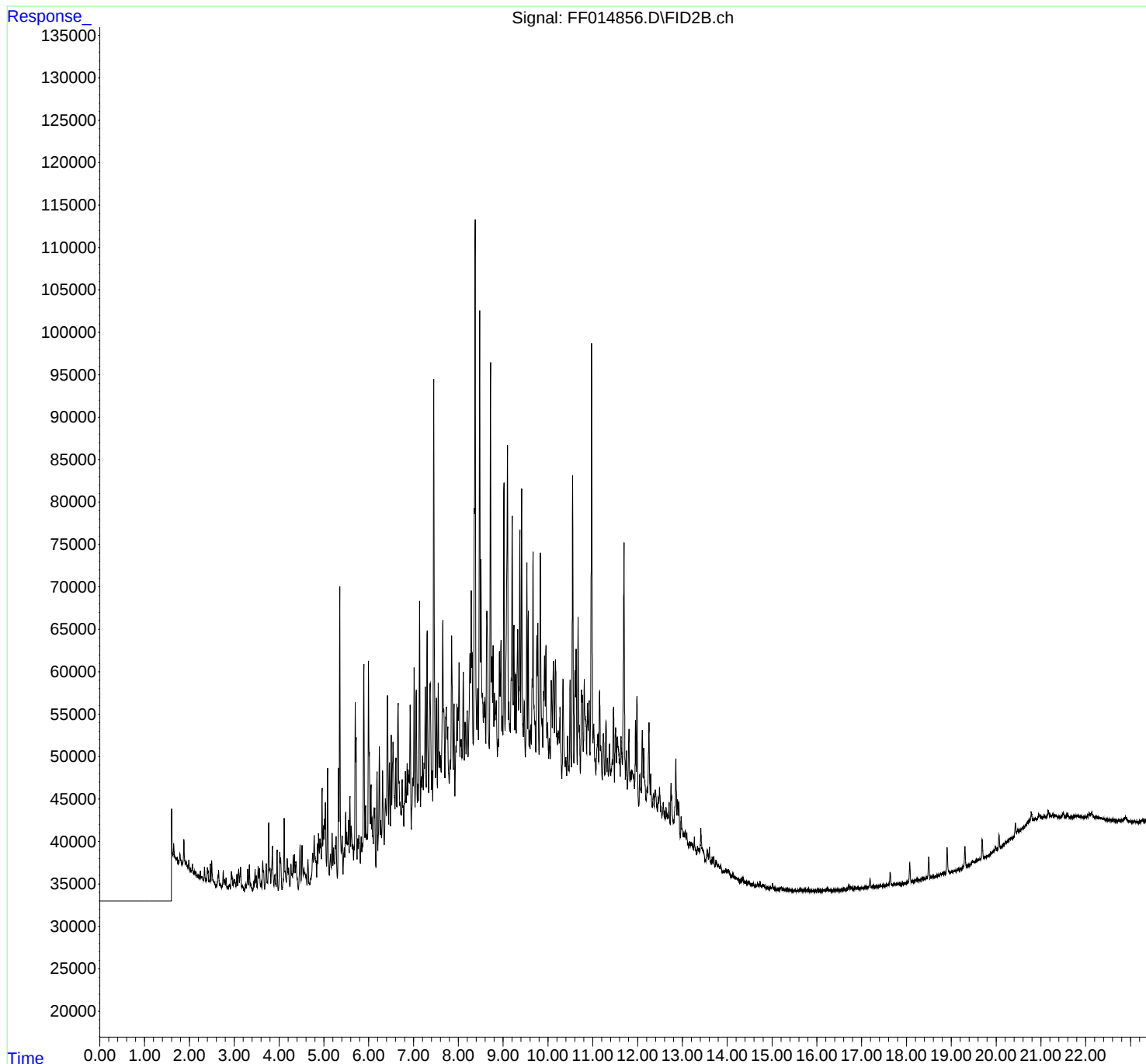
(m)=manual int.

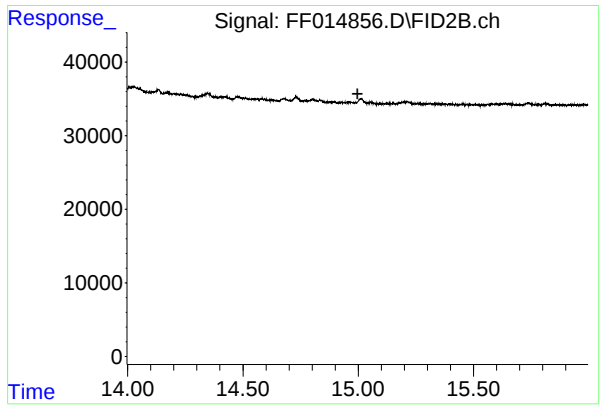
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014856.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:14
Operator : YP\AJ
Sample : P4599-05 250X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-5

Integration File: autoint1.e
Quant Time: Nov 01 01:47:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014856.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:14
Sample : P4599-05 250X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.407	4.400	4.429	BV	293	1935	0.12%	0.003%
2	4.469	4.429	4.493	PV	5159	80936	4.84%	0.113%
3	4.514	4.493	4.540	VV	5004	75891	4.54%	0.106%
4	4.556	4.540	4.600	VV	2155	57671	3.45%	0.081%
5	4.606	4.600	4.624	VV	1346	12007	0.72%	0.017%
6	4.645	4.624	4.688	VV	3014	42633	2.55%	0.060%
7	4.704	4.688	4.709	PV	678	4748	0.28%	0.007%
8	4.751	4.709	4.767	VV	3346	64286	3.85%	0.090%
9	4.785	4.767	4.820	VV	5180	100739	6.03%	0.141%
10	4.825	4.820	4.841	VV	1987	15735	0.94%	0.022%
11	4.856	4.841	4.868	PV	3199	26179	1.57%	0.037%
12	4.883	4.868	4.900	VBA	3155	32220	1.93%	0.045%
13	4.915	4.900	4.926	BV	1919	18007	1.08%	0.025%
14	4.933	4.926	4.945	VV	1664	12035	0.72%	0.017%
15	4.960	4.945	4.977	PV	8505	83336	4.99%	0.116%
16	4.992	4.977	5.003	VV	4418	53588	3.21%	0.075%
17	5.014	5.003	5.024	VV	5449	56873	3.40%	0.079%
18	5.035	5.024	5.063	VV	7604	85403	5.11%	0.119%
19	5.084	5.063	5.123	VV	12194	145683	8.72%	0.204%
20	5.149	5.123	5.168	PV	2571	41260	2.47%	0.058%
21	5.186	5.168	5.203	VV	5083	62845	3.76%	0.088%
22	5.217	5.203	5.237	VV	3387	45277	2.71%	0.063%
23	5.256	5.237	5.263	VV	3850	44060	2.64%	0.062%
24	5.274	5.263	5.302	VV	4894	58860	3.52%	0.082%
25	5.328	5.302	5.339	PV	12965	135115	8.08%	0.189%
26	5.356	5.339	5.387	VV	34404	405568	24.27%	0.567%
27	5.411	5.387	5.428	VV	4992	81114	4.85%	0.113%
28	5.456	5.428	5.467	VV	3528	58542	3.50%	0.082%
29	5.488	5.467	5.502	VV	7781	111004	6.64%	0.155%
30	5.511	5.502	5.523	VV	5410	60941	3.65%	0.085%
31	5.529	5.523	5.534	VV	4127	26149	1.56%	0.037%
32	5.552	5.534	5.565	VV	6847	95323	5.70%	0.133%
33	5.582	5.565	5.598	VV	9631	129919	7.77%	0.182%
34	5.612	5.598	5.641	VV	6056	120476	7.21%	0.168%
35	5.649	5.641	5.663	VV	3896	43070	2.58%	0.060%
36	5.677	5.663	5.684	VV	3774	39723	2.38%	0.056%

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37	5.701	5.684	5.712	VV	20678	220580	13.20%	0.308%
38	5.720	5.712	5.740	VV	16539	173010	10.35%	0.242%
39	5.756	5.740	5.768	VV	4563	60692	3.63%	0.085%
40	5.783	5.768	5.816	VV	5001	106226	6.36%	0.148%
41	5.834	5.816	5.848	VV	4826	69816	4.18%	0.098%
42	5.860	5.848	5.868	VV	3999	43367	2.59%	0.061%
43	5.892	5.868	5.919	VV	25119	374874	22.43%	0.524%
44	5.931	5.919	5.958	VV	8409	140526	8.41%	0.196%
45	5.970	5.958	5.979	VV	5031	58865	3.52%	0.082%
46	5.997	5.979	6.039	VV	25391	475560	28.46%	0.665%
47	6.052	6.039	6.065	VV	10896	129353	7.74%	0.181%
48	6.074	6.065	6.089	VV	6976	84910	5.08%	0.119%
49	6.094	6.089	6.104	VV	4890	40236	2.41%	0.056%
50	6.119	6.104	6.129	VV	8175	98216	5.88%	0.137%
51	6.137	6.129	6.163	VV	8141	94809	5.67%	0.133%
52	6.187	6.163	6.205	VV	12378	158838	9.50%	0.222%
53	6.240	6.205	6.258	VV	15375	262429	15.70%	0.367%
54	6.269	6.258	6.289	VV	6627	101698	6.09%	0.142%
55	6.312	6.289	6.349	VV	12495	258519	15.47%	0.361%
56	6.374	6.349	6.396	VV	9163	199945	11.96%	0.279%
57	6.421	6.396	6.446	VV	21254	415406	24.86%	0.581%
58	6.463	6.446	6.488	VV	13405	236805	14.17%	0.331%
59	6.504	6.488	6.518	VV	16643	207374	12.41%	0.290%
60	6.545	6.518	6.588	VV	15819	492213	29.45%	0.688%
61	6.607	6.588	6.631	VV	13928	262702	15.72%	0.367%
62	6.657	6.631	6.674	VV	20392	381059	22.80%	0.533%
63	6.678	6.674	6.695	VV	11233	125979	7.54%	0.176%
64	6.703	6.695	6.718	VV	8671	114903	6.88%	0.161%
65	6.725	6.718	6.732	VV	7696	59627	3.57%	0.083%
66	6.748	6.732	6.764	VV	11346	182040	10.89%	0.254%
67	6.769	6.764	6.784	VV	8262	87544	5.24%	0.122%
68	6.822	6.784	6.837	VV	12329	294361	17.61%	0.411%
69	6.859	6.837	6.872	VV	13257	225793	13.51%	0.316%
70	6.884	6.872	6.894	VV	12458	154529	9.25%	0.216%
71	6.903	6.894	6.912	VV	11895	118269	7.08%	0.165%
72	6.927	6.912	6.950	VV	20009	319237	19.10%	0.446%
73	6.985	6.950	6.998	VV	11481	260332	15.58%	0.364%
74	7.016	6.998	7.036	VV	24516	358129	21.43%	0.501%
75	7.061	7.036	7.087	VV	21850	436033	26.09%	0.609%
76	7.098	7.087	7.108	VV	10785	127535	7.63%	0.178%
77	7.138	7.108	7.158	VV	32309	535969	32.07%	0.749%
78	7.175	7.158	7.188	VV	11590	181173	10.84%	0.253%
79	7.203	7.188	7.219	VV	14081	229111	13.71%	0.320%
80	7.238	7.219	7.248	VV	13217	204324	12.23%	0.286%
81	7.265	7.248	7.285	VV	22153	371410	22.22%	0.519%
82	7.305	7.285	7.341	VV	28808	576995	34.53%	0.806%
83	7.371	7.341	7.405	VV	22574	632791	37.86%	0.884%
84	7.417	7.405	7.430	VV	12269	162113	9.70%	0.227%
85	7.453	7.430	7.493	VV	58404	1024658	61.31%	1.432%
86	7.514	7.493	7.533	VV	20810	375681	22.48%	0.525%
87	7.554	7.533	7.571	VV	22581	365695	21.88%	0.511%
88	7.581	7.571	7.593	VV	14479	181425	10.86%	0.254%
89	7.604	7.593	7.618	VV	13975	192471	11.52%	0.269%

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90	7.655	7.618	7.702	VV	29994	947835	56.72%	1.325%
91	7.733	7.702	7.755	VV	19735	549479	32.88%	0.768%
92	7.765	7.755	7.799	VV	17357	364053	21.78%	0.509%
93	7.817	7.799	7.830	VV	13466	228675	13.68%	0.320%
94	7.853	7.830	7.887	VV	28047	677694	40.55%	0.947%
95	7.906	7.887	7.925	VV	20007	339260	20.30%	0.474%
96	7.948	7.925	7.956	VV	15043	242354	14.50%	0.339%
97	7.970	7.956	7.982	VV	20036	270304	16.17%	0.378%
98	7.995	7.982	8.003	VV	19602	229052	13.71%	0.320%
99	8.019	8.003	8.037	VV	24899	413360	24.73%	0.578%
100	8.049	8.037	8.060	VV	15827	206978	12.39%	0.289%
101	8.068	8.060	8.085	VV	15813	223800	13.39%	0.313%
102	8.113	8.085	8.134	VV	23743	524565	31.39%	0.733%
103	8.153	8.134	8.174	VV	17848	383185	22.93%	0.536%
104	8.199	8.174	8.219	VV	19167	440101	26.33%	0.615%
105	8.261	8.219	8.274	VV	25854	664377	39.75%	0.929%
106	8.290	8.274	8.304	VV	33306	497881	29.79%	0.696%
107	8.311	8.304	8.336	VV	26036	384116	22.98%	0.537%
108	8.377	8.336	8.414	VV	77120	1671188	100.00%	2.336%
109	8.434	8.414	8.451	VV	21741	419150	25.08%	0.586%
110	8.479	8.451	8.496	VV	66239	1045473	62.56%	1.461%
111	8.507	8.496	8.533	VV	36936	624748	37.38%	0.873%
112	8.539	8.533	8.561	VV	21154	321517	19.24%	0.449%
113	8.573	8.561	8.583	VV	20122	259838	15.55%	0.363%
114	8.595	8.583	8.614	VV	20616	344877	20.64%	0.482%
115	8.638	8.614	8.693	VV	30790	1051327	62.91%	1.469%
116	8.720	8.693	8.740	VV	59984	938212	56.14%	1.311%
117	8.752	8.740	8.765	VV	25436	348309	20.84%	0.487%
118	8.778	8.765	8.796	VV	26744	418800	25.06%	0.585%
119	8.808	8.796	8.825	VV	21143	339735	20.33%	0.475%
120	8.848	8.825	8.875	VV	20268	531687	31.81%	0.743%
121	8.889	8.875	8.900	VV	15719	225802	13.51%	0.316%
122	8.918	8.900	8.932	VV	26043	405013	24.24%	0.566%
123	8.953	8.932	8.972	VV	27343	542427	32.46%	0.758%
124	8.980	8.972	8.995	VV	18313	243947	14.60%	0.341%
125	9.019	8.995	9.045	VV	45846	806304	48.25%	1.127%
126	9.099	9.045	9.121	VV	50224	1392328	83.31%	1.946%
127	9.129	9.121	9.146	VV	19992	279260	16.71%	0.390%
128	9.153	9.146	9.163	VV	17492	173653	10.39%	0.243%
129	9.204	9.163	9.225	VV	41890	982858	58.81%	1.374%
130	9.242	9.225	9.262	VV	29045	519063	31.06%	0.725%
131	9.277	9.262	9.294	VV	23241	378092	22.62%	0.528%
132	9.327	9.294	9.343	VV	28523	674163	40.34%	0.942%
133	9.354	9.343	9.357	VV	21751	179301	10.73%	0.251%
134	9.375	9.357	9.391	VV	40255	583796	34.93%	0.816%
135	9.415	9.391	9.452	VV	45064	939121	56.19%	1.313%
136	9.471	9.452	9.497	VV	20033	459200	27.48%	0.642%
137	9.532	9.497	9.549	VV	36332	689661	41.27%	0.964%
138	9.563	9.549	9.580	VV	30639	423265	25.33%	0.592%
139	9.589	9.580	9.601	VV	16530	200834	12.02%	0.281%
140	9.618	9.601	9.632	VV	17244	290670	17.39%	0.406%
141	9.648	9.632	9.653	VV	22625	246918	14.78%	0.345%

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142	9.669	9.653	9.708	VV	37594	803791	48.10%	1.123%
143	9.711	9.708	9.731	VV	17693	225932	13.52%	0.316%
144	9.754	9.731	9.766	VV	27685	452067	27.05%	0.632%
145	9.777	9.766	9.804	VV	29170	488076	29.21%	0.682%
146	9.833	9.804	9.864	VV	37402	836374	50.05%	1.169%
147	9.870	9.864	9.886	VV	17828	224770	13.45%	0.314%
148	9.904	9.886	9.912	VV	21137	286281	17.13%	0.400%
149	9.926	9.912	9.943	VV	25241	424791	25.42%	0.594%
150	9.957	9.943	9.976	VV	26520	418204	25.02%	0.585%
151	9.994	9.976	10.017	VV	17429	383769	22.96%	0.536%
152	10.031	10.017	10.054	VV	15424	319362	19.11%	0.446%
153	10.077	10.054	10.099	VV	22393	495401	29.64%	0.692%
154	10.124	10.099	10.148	VV	24596	605913	36.26%	0.847%
155	10.170	10.148	10.194	VV	24820	562779	33.68%	0.787%
156	10.199	10.194	10.214	VV	16024	183045	10.95%	0.256%
157	10.229	10.214	10.253	VV	16387	364536	21.81%	0.510%
158	10.271	10.253	10.310	VV	19142	520196	31.13%	0.727%
159	10.337	10.310	10.386	VV	22402	711125	42.55%	0.994%
160	10.400	10.386	10.419	VV	13199	243199	14.55%	0.340%
161	10.441	10.419	10.459	VV	15692	316665	18.95%	0.443%
162	10.496	10.459	10.526	VV	22319	595106	35.61%	0.832%
163	10.552	10.526	10.580	VV	46310	850663	50.90%	1.189%
164	10.605	10.580	10.617	VV	23430	414004	24.77%	0.579%
165	10.630	10.617	10.655	VV	25919	457784	27.39%	0.640%
166	10.675	10.655	10.693	VV	29540	476652	28.52%	0.666%
167	10.702	10.693	10.725	VV	16977	280661	16.79%	0.392%
168	10.750	10.725	10.760	VV	21105	356200	21.31%	0.498%
169	10.768	10.760	10.789	VV	20432	316344	18.93%	0.442%
170	10.813	10.789	10.865	VV	22274	791580	47.37%	1.106%
171	10.883	10.865	10.902	VV	19548	385884	23.09%	0.539%
172	10.920	10.902	10.939	VV	19849	377312	22.58%	0.527%
173	10.976	10.939	11.004	VV	61846	1222077	73.13%	1.708%
174	11.023	11.004	11.048	VV	17028	410150	24.54%	0.573%
175	11.055	11.048	11.070	VV	12990	158283	9.47%	0.221%
176	11.115	11.070	11.132	VV	15799	513045	30.70%	0.717%
177	11.153	11.132	11.172	VV	20861	397125	23.76%	0.555%
178	11.182	11.172	11.213	VV	14394	315996	18.91%	0.442%
179	11.237	11.213	11.269	VV	15862	443396	26.53%	0.620%
180	11.295	11.269	11.318	VV	17235	409970	24.53%	0.573%
181	11.330	11.318	11.350	VV	12875	229715	13.75%	0.321%
182	11.374	11.350	11.399	VV	14575	361334	21.62%	0.505%
183	11.434	11.399	11.442	VV	12744	310201	18.56%	0.434%
184	11.465	11.442	11.485	VV	19012	384138	22.99%	0.537%
185	11.513	11.485	11.531	VV	16428	384568	23.01%	0.538%
186	11.550	11.531	11.593	VV	15336	521884	31.23%	0.729%
187	11.602	11.593	11.614	VV	12707	145877	8.73%	0.204%
188	11.632	11.614	11.661	VV	15350	377047	22.56%	0.527%
189	11.697	11.661	11.727	VV	38223	867473	51.91%	1.212%
190	11.751	11.727	11.775	VV	13702	331868	19.86%	0.464%
191	11.808	11.775	11.832	VV	16238	416170	24.90%	0.582%
192	11.849	11.832	11.859	VV	11359	174890	10.47%	0.244%
193	11.872	11.859	11.906	VV	11475	312307	18.69%	0.437%
194	11.915	11.906	11.933	VV	10912	161753	9.68%	0.226%

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195	11.956	11.933	11.970	VV	17252	296329	17.73%	0.414%
196	11.987	11.970	12.027	VV	20133	414812	24.82%	0.580%
197	12.052	12.027	12.070	VV	10855	241824	14.47%	0.338%
198	12.075	12.070	12.080	VV	9167	54445	3.26%	0.076%
199	12.106	12.080	12.123	VV	16081	308026	18.43%	0.431%
200	12.137	12.123	12.190	VV	13914	428400	25.63%	0.599%
201	12.213	12.190	12.226	VV	9314	186209	11.14%	0.260%
202	12.255	12.226	12.279	VV	16937	392285	23.47%	0.548%
203	12.294	12.279	12.330	VV	10916	264462	15.82%	0.370%
204	12.356	12.330	12.373	VV	8563	201452	12.05%	0.282%
205	12.400	12.373	12.445	VV	8972	336992	20.16%	0.471%
206	12.459	12.445	12.472	VV	8145	125057	7.48%	0.175%
207	12.491	12.472	12.514	VV	9193	201777	12.07%	0.282%
208	12.523	12.514	12.544	VV	6966	113270	6.78%	0.158%
209	12.573	12.544	12.594	VV	7471	196752	11.77%	0.275%
210	12.605	12.594	12.620	VV	6346	92564	5.54%	0.129%
211	12.635	12.620	12.666	VV	6882	169473	10.14%	0.237%
212	12.680	12.666	12.689	VV	5900	80349	4.81%	0.112%
213	12.702	12.689	12.729	VV	7473	148934	8.91%	0.208%
214	12.747	12.729	12.790	VV	9719	263466	15.77%	0.368%
215	12.793	12.790	12.810	VV	5327	61997	3.71%	0.087%
216	12.856	12.810	12.876	VV	12516	312700	18.71%	0.437%
217	12.892	12.876	12.906	VV	7778	122510	7.33%	0.171%
218	12.918	12.906	12.953	VV	7372	153526	9.19%	0.215%
219	12.971	12.953	12.989	VV	5702	99857	5.98%	0.140%
220	12.992	12.989	13.017	VV	4338	66237	3.96%	0.093%
221	13.029	13.017	13.043	VV	3727	55405	3.32%	0.077%
222	13.062	13.043	13.084	VV	4031	88700	5.31%	0.124%
223	13.098	13.084	13.122	VV	3762	71210	4.26%	0.100%
224	13.128	13.122	13.144	VV	2478	30911	1.85%	0.043%
225	13.166	13.144	13.177	VV	2783	49667	2.97%	0.069%
226	13.189	13.177	13.212	VV	2634	51915	3.11%	0.073%
227	13.215	13.212	13.250	VV	2455	51558	3.09%	0.072%
228	13.267	13.250	13.319	VV	3226	85002	5.09%	0.119%
229	13.338	13.319	13.352	VV	2174	34962	2.09%	0.049%
230	13.364	13.352	13.388	VV	1859	36575	2.19%	0.051%
231	13.411	13.388	13.437	VV	4235	83945	5.02%	0.117%
232	13.442	13.437	13.513	VV	2027	57091	3.42%	0.080%
233	13.558	13.513	13.584	VV	1700	44537	2.67%	0.062%
234	13.602	13.584	13.649	VV	2001	32366	1.94%	0.045%
235	13.666	13.649	13.680	VV	823	8381	0.50%	0.012%
236	13.751	13.700	13.791	BV	264	-8445	-0.51%	-0.012%
237	13.802	13.791	13.836	PV	157	3686	0.22%	0.005%
238	13.855	13.836	13.894	PV	535	5923	0.35%	0.008%
239	13.895	13.894	13.900	PV	50	84	0.01%	0.000%
240	13.909	13.900	13.920	VV	106	589	0.04%	0.001%
241	13.933	13.920	13.949	PV	247	2245	0.13%	0.003%
242	13.966	13.949	13.991	VV	525	9287	0.56%	0.013%
243	14.006	13.991	14.014	VV	491	5127	0.31%	0.007%
244	14.020	14.014	14.092	VV	624	15756	0.94%	0.022%
245	14.094	14.092	14.102	VV	109	445	0.03%	0.001%
246	14.134	14.102	14.160	VV	583	9318	0.56%	0.013%

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247	14.164	14.160	14.167	VV	253	800	0.05%	0.001%
248	14.171	14.167	14.193	VV	346	3808	0.23%	0.005%
249	14.200	14.193	14.239	VV	253	5864	0.35%	0.008%
250	14.243	14.239	14.289	VV	258	5013	0.30%	0.007%
251	14.347	14.289	14.389	PV	688	17708	1.06%	0.025%
252	14.407	14.389	14.412	VV	288	2728	0.16%	0.004%
253	14.420	14.412	14.456	VV	279	3938	0.24%	0.006%
254	14.475	14.456	14.535	VV	356	8336	0.50%	0.012%
255	14.548	14.535	14.577	VV	152	2816	0.17%	0.004%
256	14.583	14.577	14.609	VV	250	2422	0.14%	0.003%
257	14.614	14.609	14.617	VV	67	234	0.01%	0.000%
258	14.625	14.617	14.655	PV	125	1223	0.07%	0.002%
259	14.677	14.655	14.698	PV	394	5321	0.32%	0.007%
260	14.729	14.698	14.760	VV	650	10260	0.61%	0.014%
261	14.768	14.760	14.771	VV	204	971	0.06%	0.001%
262	14.775	14.771	14.781	VV	233	1057	0.06%	0.001%
263	14.802	14.781	14.827	VV	406	6791	0.41%	0.009%
264	14.834	14.827	14.858	VV	321	3142	0.19%	0.004%
265	14.862	14.858	14.885	VV	54	784	0.05%	0.001%
266	14.891	14.885	14.914	VV	114	1004	0.06%	0.001%
267	14.928	14.914	14.946	PV	100	1478	0.09%	0.002%
268	14.961	14.946	14.985	VV	181	2975	0.18%	0.004%
269	15.012	14.985	15.044	VV	681	10677	0.64%	0.015%
270	15.056	15.044	15.090	VV	230	2587	0.15%	0.004%
271	15.111	15.090	15.151	PV	108	2062	0.12%	0.003%
272	15.155	15.151	15.161	VV	127	548	0.03%	0.001%
273	15.194	15.161	15.200	VV	331	4320	0.26%	0.006%
274	15.211	15.200	15.250	VV	410	6894	0.41%	0.010%
275	15.263	15.250	15.287	VV	187	2439	0.15%	0.003%
276	15.307	15.287	15.334	VV	173	3092	0.18%	0.004%
277	15.351	15.334	15.357	VV	168	1705	0.10%	0.002%
278	15.364	15.357	15.370	VV	180	907	0.05%	0.001%
279	15.376	15.370	15.389	VV	163	1321	0.08%	0.002%
280	15.395	15.389	15.417	VV	149	1641	0.10%	0.002%
281	15.422	15.417	15.449	VV	138	1860	0.11%	0.003%
282	15.454	15.449	15.464	VV	164	1073	0.06%	0.001%
283	15.483	15.464	15.498	PV	156	1792	0.11%	0.003%
284	15.515	15.498	15.532	VV	116	1525	0.09%	0.002%
285	15.537	15.532	15.555	VV	112	936	0.06%	0.001%
286	15.584	15.555	15.590	VV	204	2684	0.16%	0.004%
287	15.593	15.590	15.597	VV	208	630	0.04%	0.001%
288	15.601	15.597	15.615	VV	222	1592	0.10%	0.002%
289	15.636	15.615	15.659	VV	260	4902	0.29%	0.007%
290	15.663	15.659	15.676	VV	223	1204	0.07%	0.002%
291	15.703	15.676	15.717	VV	147	1976	0.12%	0.003%
292	15.739	15.717	15.758	VV	312	5070	0.30%	0.007%
293	15.767	15.758	15.794	VV	161	2315	0.14%	0.003%
294	15.811	15.794	15.844	VV	274	4250	0.25%	0.006%
295	15.862	15.844	15.892	VV	130	1708	0.10%	0.002%
296	15.897	15.892	15.904	VV	82	237	0.01%	0.000%
297	15.912	15.904	15.945	PV	123	1238	0.07%	0.002%
298	15.980	15.945	15.995	VV	152	1974	0.12%	0.003%
299	16.046	15.995	16.067	VV	185	4272	0.26%	0.006%

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300	16.073	16.067	16.115	VV	88	2107	0.13%	0.003%
301	16.119	16.115	16.129	VV	110	604	0.04%	0.001%
302	16.145	16.129	16.155	VV	149	1610	0.10%	0.002%
303	16.174	16.155	16.189	VV	131	2521	0.15%	0.004%
304	16.194	16.189	16.201	VV	189	1034	0.06%	0.001%
305	16.235	16.201	16.270	VV	413	8318	0.50%	0.012%
306	16.275	16.270	16.322	VV	132	2757	0.16%	0.004%
307	16.334	16.322	16.355	VV	81	1365	0.08%	0.002%
308	16.417	16.355	16.477	PV	206	8115	0.49%	0.011%
309	16.489	16.477	16.520	VV	116	1530	0.09%	0.002%
310	16.532	16.520	16.563	VV	96	1784	0.11%	0.002%
311	16.576	16.563	16.583	VV	76	833	0.05%	0.001%
312	16.614	16.583	16.649	VV	127	2496	0.15%	0.003%
313	16.656	16.649	16.669	VV	137	781	0.05%	0.001%
314	16.720	16.669	16.750	VV	638	11540	0.69%	0.016%
315	16.756	16.750	16.787	VV	188	2406	0.14%	0.003%
316	16.801	16.787	16.833	VV	147	2794	0.17%	0.004%
317	16.841	16.833	16.872	VV	128	2222	0.13%	0.003%
318	16.891	16.872	16.957	VV	141	3752	0.22%	0.005%
319	16.968	16.957	16.977	VV	61	533	0.03%	0.001%
320	16.995	16.977	17.018	VV	126	1444	0.09%	0.002%
321	17.078	17.018	17.109	VV	219	5754	0.34%	0.008%
322	17.186	17.109	17.215	VV	1016	18775	1.12%	0.026%
323	17.232	17.215	17.263	VV	147	2383	0.14%	0.003%
324	17.276	17.263	17.300	VBA	130	176	0.01%	0.000%
				Sum of corrected areas:		71546320		

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Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-6		SDG No.:	P4599	
Lab Sample ID:	P4599-06		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	82.2	Decanted:
Sample Wt/Vol:	30.1	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
FF014863.D	200	10/30/24 08:00	10/31/24 8:24	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2350000		44800	404000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103124\
Data File : FF014863.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 08:24
Operator : YP\AJ
Sample : P4599-06 200X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-6

Integration File: autoint1.e
Quant Time: Nov 01 06:31:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

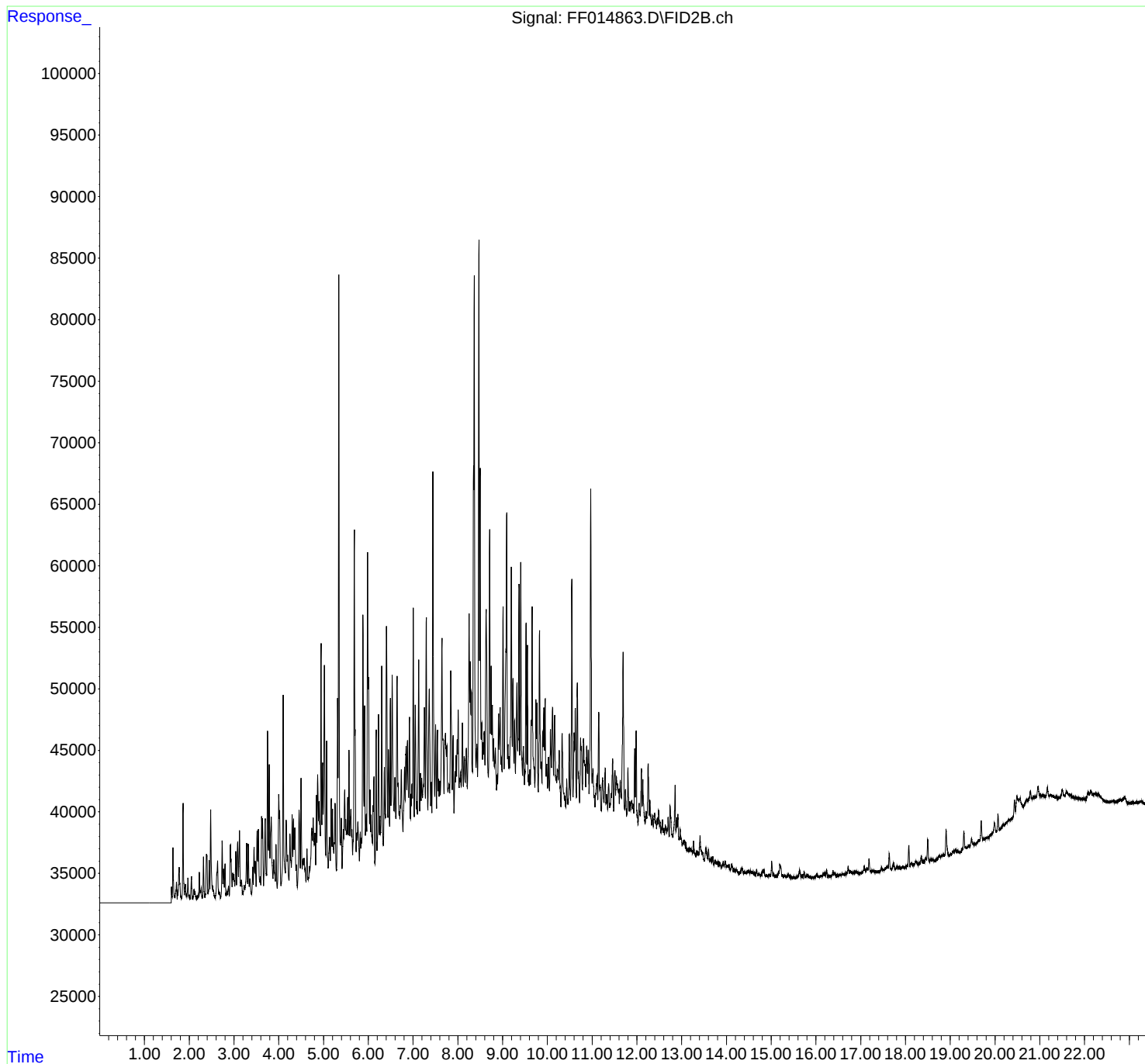
(m)=manual int.

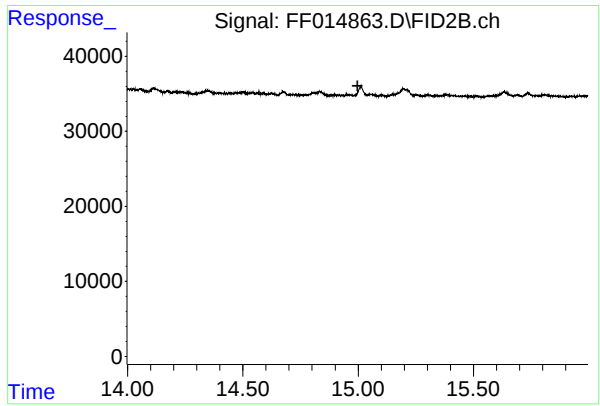
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014863.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 08:24
Operator : YP\AJ
Sample : P4599-06 200X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-6

Integration File: autoint1.e
Quant Time: Nov 01 06:31:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-6

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014863.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 08:24
Sample : P4599-06 200X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.456	4.406	4.481	BV	5777	97620	12.89%	0.229%
2	4.498	4.481	4.524	VV	8415	105338	13.91%	0.247%
3	4.542	4.524	4.556	VV	1878	29340	3.87%	0.069%
4	4.568	4.556	4.586	VV	1922	27311	3.61%	0.064%
5	4.591	4.586	4.612	VV	1087	8957	1.18%	0.021%
6	4.632	4.612	4.658	PV	2711	34818	4.60%	0.082%
7	4.688	4.658	4.699	VV	1270	16881	2.23%	0.040%
8	4.736	4.699	4.758	VV	4293	102976	13.60%	0.242%
9	4.771	4.758	4.798	VV	5188	94503	12.48%	0.222%
10	4.811	4.798	4.827	VV	3957	52814	6.97%	0.124%
11	4.842	4.827	4.854	VV	7009	73873	9.75%	0.173%
12	4.870	4.854	4.889	VV	8688	138196	18.25%	0.324%
13	4.901	4.889	4.917	VV	6524	93622	12.36%	0.220%
14	4.920	4.917	4.929	VV	4885	32518	4.29%	0.076%
15	4.945	4.929	4.963	VV	19354	219129	28.93%	0.515%
16	4.979	4.963	4.994	VV	9604	131412	17.35%	0.309%
17	5.020	4.994	5.050	VV	17550	302786	39.98%	0.711%
18	5.070	5.050	5.108	VV	11380	161970	21.39%	0.380%
19	5.137	5.108	5.153	VV	3579	65207	8.61%	0.153%
20	5.172	5.153	5.189	VV	6672	91702	12.11%	0.215%
21	5.203	5.189	5.230	VV	5842	89476	11.81%	0.210%
22	5.261	5.230	5.290	VV	6295	112053	14.80%	0.263%
23	5.316	5.290	5.326	VV	14829	161288	21.30%	0.379%
24	5.343	5.326	5.377	VV	49249	551048	72.76%	1.294%
25	5.399	5.377	5.415	VV	5071	77765	10.27%	0.183%
26	5.445	5.415	5.455	VV	4104	67025	8.85%	0.157%
27	5.473	5.455	5.490	VV	7345	117863	15.56%	0.277%
28	5.498	5.490	5.510	VV	4938	55124	7.28%	0.129%
29	5.517	5.510	5.524	VV	3940	30523	4.03%	0.072%
30	5.541	5.524	5.554	VV	6725	94527	12.48%	0.222%
31	5.571	5.554	5.588	VV	10514	140651	18.57%	0.330%
32	5.611	5.588	5.629	VV	5766	116201	15.34%	0.273%
33	5.636	5.629	5.650	VV	4106	43427	5.73%	0.102%
34	5.665	5.650	5.670	VV	3258	32415	4.28%	0.076%
35	5.688	5.670	5.729	VV	28431	437197	57.73%	1.027%
36	5.744	5.729	5.754	VV	3829	48478	6.40%	0.114%

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37	5.768	5.754	5.804	VV	4691	99797	13.18%	0.234%
38	5.823	5.804	5.836	VV	3861	57357	7.57%	0.135%
39	5.848	5.836	5.856	VV	3287	36653	4.84%	0.086%
40	5.882	5.856	5.905	VV	21497	326554	43.12%	0.767%
41	5.918	5.905	5.937	VV	14124	169115	22.33%	0.397%
42	5.957	5.937	5.967	VV	5295	80520	10.63%	0.189%
43	5.986	5.967	5.999	VV	26542	324591	42.86%	0.762%
44	6.006	5.999	6.030	VV	16385	203832	26.91%	0.479%
45	6.041	6.030	6.054	VV	7259	80193	10.59%	0.188%
46	6.064	6.054	6.079	VV	5196	65916	8.70%	0.155%
47	6.082	6.079	6.093	VV	3556	26049	3.44%	0.061%
48	6.108	6.093	6.114	VV	5948	61119	8.07%	0.144%
49	6.126	6.114	6.151	VV	8284	106468	14.06%	0.250%
50	6.177	6.151	6.196	VV	12101	151080	19.95%	0.355%
51	6.230	6.196	6.248	VV	13338	209381	27.65%	0.492%
52	6.259	6.248	6.274	VV	5059	64280	8.49%	0.151%
53	6.302	6.274	6.337	VV	17275	275457	36.37%	0.647%
54	6.360	6.337	6.382	VV	9023	153432	20.26%	0.360%
55	6.407	6.382	6.437	VV	20402	396667	52.37%	0.931%
56	6.453	6.437	6.476	VV	10430	176868	23.35%	0.415%
57	6.494	6.476	6.509	VV	14620	181194	23.92%	0.425%
58	6.536	6.509	6.576	VV	16493	381860	50.42%	0.897%
59	6.596	6.576	6.615	VV	8142	151654	20.02%	0.356%
60	6.644	6.615	6.665	VV	16348	308862	40.78%	0.725%
61	6.669	6.665	6.687	VV	7682	83925	11.08%	0.197%
62	6.694	6.687	6.706	VV	5374	59642	7.87%	0.140%
63	6.718	6.706	6.723	VV	5882	55128	7.28%	0.129%
64	6.739	6.723	6.775	VV	8775	195714	25.84%	0.460%
65	6.812	6.775	6.824	VV	9016	189487	25.02%	0.445%
66	6.846	6.824	6.861	VV	10501	195732	25.84%	0.460%
67	6.876	6.861	6.903	VV	11085	217444	28.71%	0.511%
68	6.921	6.903	6.941	VV	12958	215545	28.46%	0.506%
69	6.952	6.941	6.961	VV	6700	72832	9.62%	0.171%
70	6.977	6.961	6.988	VV	7578	111692	14.75%	0.262%
71	7.007	6.988	7.027	VV	21853	283780	37.47%	0.666%
72	7.051	7.027	7.078	VV	13965	279019	36.84%	0.655%
73	7.085	7.078	7.097	VV	6109	66444	8.77%	0.156%
74	7.128	7.097	7.149	VV	17617	317543	41.93%	0.746%
75	7.166	7.149	7.181	VV	8405	132369	17.48%	0.311%
76	7.195	7.181	7.210	VV	8008	122079	16.12%	0.287%
77	7.256	7.210	7.275	VV	13705	352558	46.55%	0.828%
78	7.296	7.275	7.332	VV	21048	398251	52.58%	0.935%
79	7.362	7.332	7.396	VV	15171	393398	51.94%	0.924%
80	7.408	7.396	7.422	VV	7616	100282	13.24%	0.235%
81	7.445	7.422	7.486	VV	32823	583609	77.06%	1.370%
82	7.506	7.486	7.525	VV	12292	214258	28.29%	0.503%
83	7.545	7.525	7.561	VV	11805	186871	24.67%	0.439%
84	7.571	7.561	7.584	VV	7869	98491	13.00%	0.231%
85	7.597	7.584	7.610	VV	7717	110305	14.56%	0.259%
86	7.647	7.610	7.693	VV	19162	552821	72.99%	1.298%
87	7.710	7.693	7.714	VV	11021	120264	15.88%	0.282%
88	7.724	7.714	7.748	VV	11583	212141	28.01%	0.498%
89	7.757	7.748	7.785	VV	10578	192025	25.35%	0.451%

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90	7.809	7.785	7.820	VV	7370	149020	19.68%	0.350%
91	7.844	7.820	7.878	VV	16626	389083	51.37%	0.914%
92	7.897	7.878	7.916	VV	11342	197300	26.05%	0.463%
93	7.939	7.916	7.949	VV	8394	141927	18.74%	0.333%
94	7.962	7.949	7.973	VV	9600	123990	16.37%	0.291%
95	7.987	7.973	7.995	VV	10968	132631	17.51%	0.311%
96	8.011	7.995	8.029	VV	13348	217957	28.78%	0.512%
97	8.040	8.029	8.046	VV	7848	78438	10.36%	0.184%
98	8.061	8.046	8.075	VV	8333	134874	17.81%	0.317%
99	8.104	8.075	8.126	VV	12299	281140	37.12%	0.660%
100	8.144	8.126	8.167	VV	9590	209193	27.62%	0.491%
101	8.192	8.167	8.215	VV	10239	244920	32.34%	0.575%
102	8.254	8.215	8.270	VV	21191	443092	58.50%	1.040%
103	8.282	8.270	8.295	VV	17261	226026	29.84%	0.531%
104	8.304	8.295	8.323	VV	14826	200512	26.47%	0.471%
105	8.352	8.323	8.357	VV	33231	375669	49.60%	0.882%
106	8.368	8.357	8.409	VV	48651	731209	96.55%	1.717%
107	8.426	8.409	8.443	VV	10452	193449	25.54%	0.454%
108	8.472	8.443	8.487	VV	51533	721167	95.22%	1.693%
109	8.500	8.487	8.523	VV	32946	444750	58.72%	1.044%
110	8.533	8.523	8.554	VV	12211	205888	27.18%	0.483%
111	8.566	8.554	8.576	VV	10630	136740	18.05%	0.321%
112	8.589	8.576	8.608	VV	11547	199320	26.32%	0.468%
113	8.634	8.608	8.684	VV	21421	638472	84.30%	1.499%
114	8.712	8.684	8.731	VV	27902	452427	59.74%	1.062%
115	8.747	8.731	8.760	VV	16846	244824	32.33%	0.575%
116	8.771	8.760	8.788	VV	13602	194953	25.74%	0.458%
117	8.800	8.788	8.817	VV	10912	171370	22.63%	0.402%
118	8.841	8.817	8.868	VV	10141	268002	35.39%	0.629%
119	8.882	8.868	8.892	VV	7892	108681	14.35%	0.255%
120	8.911	8.892	8.925	VV	12933	205664	27.16%	0.483%
121	8.946	8.925	8.965	VV	13444	270160	35.67%	0.634%
122	8.973	8.965	8.989	VV	9330	126598	16.72%	0.297%
123	9.012	8.989	9.037	VV	21560	387373	51.15%	0.910%
124	9.093	9.037	9.113	VV	29283	757366	100.00%	1.778%
125	9.123	9.113	9.136	VV	10426	133030	17.56%	0.312%
126	9.148	9.136	9.158	VV	9413	118296	15.62%	0.278%
127	9.197	9.158	9.217	VV	24805	519932	68.65%	1.221%
128	9.234	9.217	9.255	VV	15746	280407	37.02%	0.658%
129	9.270	9.255	9.288	VV	12305	205685	27.16%	0.483%
130	9.322	9.288	9.338	VV	15376	350415	46.27%	0.823%
131	9.368	9.338	9.385	VV	23391	409611	54.08%	0.962%
132	9.408	9.385	9.448	VV	25083	508599	67.15%	1.194%
133	9.465	9.448	9.491	VV	10162	225676	29.80%	0.530%
134	9.525	9.491	9.542	VV	20183	367570	48.53%	0.863%
135	9.556	9.542	9.575	VV	18409	251045	33.15%	0.589%
136	9.582	9.575	9.594	VV	7865	82201	10.85%	0.193%
137	9.611	9.594	9.624	VV	8288	140463	18.55%	0.330%
138	9.642	9.624	9.646	VV	12272	131976	17.43%	0.310%
139	9.662	9.646	9.705	VV	21513	448435	59.21%	1.053%
140	9.707	9.705	9.722	VV	8474	77367	10.22%	0.182%
141	9.747	9.722	9.760	VV	13913	238318	31.47%	0.560%

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142	9.770	9.760	9.797	VV	13631	228544	30.18%	0.537%
143	9.826	9.797	9.857	VV	19503	423023	55.85%	0.993%
144	9.866	9.857	9.880	VV	8825	115089	15.20%	0.270%
145	9.897	9.880	9.907	VV	11269	155947	20.59%	0.366%
146	9.922	9.907	9.938	VV	13216	215883	28.50%	0.507%
147	9.951	9.938	9.972	VV	13957	223237	29.48%	0.524%
148	9.989	9.972	10.010	VV	8615	176903	23.36%	0.415%
149	10.026	10.010	10.050	VV	9200	187292	24.73%	0.440%
150	10.071	10.050	10.094	VV	11464	242295	31.99%	0.569%
151	10.117	10.094	10.142	VV	13168	308999	40.80%	0.726%
152	10.165	10.142	10.189	VV	12563	283240	37.40%	0.665%
153	10.195	10.189	10.208	VV	7654	87676	11.58%	0.206%
154	10.225	10.208	10.246	VV	8193	172914	22.83%	0.406%
155	10.265	10.246	10.304	VV	9704	260084	34.34%	0.611%
156	10.332	10.304	10.382	VV	11096	348224	45.98%	0.818%
157	10.393	10.382	10.413	VV	5977	103403	13.65%	0.243%
158	10.434	10.413	10.465	VV	7366	191204	25.25%	0.449%
159	10.491	10.465	10.520	VV	10996	242528	32.02%	0.569%
160	10.548	10.520	10.575	VV	23610	428894	56.63%	1.007%
161	10.599	10.575	10.611	VV	11080	190370	25.14%	0.447%
162	10.626	10.611	10.650	VV	13094	230869	30.48%	0.542%
163	10.669	10.650	10.689	VV	15113	239408	31.61%	0.562%
164	10.697	10.689	10.721	VV	7850	131679	17.39%	0.309%
165	10.745	10.721	10.757	VV	10636	183556	24.24%	0.431%
166	10.764	10.757	10.784	VV	9946	139440	18.41%	0.327%
167	10.808	10.784	10.859	VV	10592	381679	50.40%	0.896%
168	10.879	10.859	10.896	VV	9952	189387	25.01%	0.445%
169	10.915	10.896	10.932	VV	9629	181300	23.94%	0.426%
170	10.971	10.932	11.001	VV	30826	613952	81.06%	1.442%
171	11.018	11.001	11.063	VV	8050	250295	33.05%	0.588%
172	11.111	11.063	11.127	VV	7431	242636	32.04%	0.570%
173	11.148	11.127	11.169	VV	12704	219058	28.92%	0.514%
174	11.177	11.169	11.207	VV	6700	133155	17.58%	0.313%
175	11.234	11.207	11.263	VV	7295	202076	26.68%	0.474%
176	11.292	11.263	11.314	VV	8084	197433	26.07%	0.464%
177	11.327	11.314	11.346	VV	5971	105369	13.91%	0.247%
178	11.369	11.346	11.392	VV	6808	158108	20.88%	0.371%
179	11.428	11.392	11.436	VV	5922	144061	19.02%	0.338%
180	11.458	11.436	11.481	VV	8790	183339	24.21%	0.430%
181	11.509	11.481	11.527	VV	7833	183683	24.25%	0.431%
182	11.543	11.527	11.591	VV	7358	252828	33.38%	0.594%
183	11.596	11.591	11.610	VV	6324	69967	9.24%	0.164%
184	11.628	11.610	11.656	VV	7035	168694	22.27%	0.396%
185	11.693	11.656	11.727	VV	17482	421114	55.60%	0.989%
186	11.746	11.727	11.770	VV	6231	133923	17.68%	0.314%
187	11.802	11.770	11.828	VV	8016	197959	26.14%	0.465%
188	11.842	11.828	11.856	VV	5271	83099	10.97%	0.195%
189	11.887	11.856	11.902	VV	5286	138919	18.34%	0.326%
190	11.913	11.902	11.931	VV	5054	81799	10.80%	0.192%
191	11.953	11.931	11.967	VV	9557	152512	20.14%	0.358%
192	11.983	11.967	12.024	VV	10950	210966	27.86%	0.495%
193	12.048	12.024	12.072	VV	5072	125128	16.52%	0.294%
194	12.101	12.072	12.119	VV	7897	159162	21.02%	0.374%

					rteres			
195	12.133	12.119	12.181	VV	7009	188374	24.87%	0.442%
196	12.207	12.181	12.225	VV	4390	103795	13.70%	0.244%
197	12.253	12.225	12.276	VV	8240	181078	23.91%	0.425%
198	12.290	12.276	12.332	VV	5308	141827	18.73%	0.333%
199	12.352	12.332	12.369	VV	4063	80658	10.65%	0.189%
200	12.393	12.369	12.417	VV	4220	108916	14.38%	0.256%
201	12.426	12.417	12.441	VV	3601	47720	6.30%	0.112%
202	12.455	12.441	12.467	VV	3752	55779	7.36%	0.131%
203	12.486	12.467	12.507	VV	4435	89941	11.88%	0.211%
204	12.518	12.507	12.539	VV	3473	61382	8.10%	0.144%
205	12.571	12.539	12.590	VV	3669	94556	12.48%	0.222%
206	12.602	12.590	12.617	VV	2995	46366	6.12%	0.109%
207	12.633	12.617	12.651	VV	3241	58952	7.78%	0.138%
208	12.654	12.651	12.664	VV	2926	22036	2.91%	0.052%
209	12.698	12.664	12.721	VV	3854	101895	13.45%	0.239%
210	12.742	12.721	12.789	VV	4711	135375	17.87%	0.318%
211	12.794	12.789	12.801	VV	2406	16429	2.17%	0.039%
212	12.852	12.801	12.872	VV	6422	159833	21.10%	0.375%
213	12.888	12.872	12.901	VV	3760	57256	7.56%	0.134%
214	12.915	12.901	12.937	VV	4045	67219	8.88%	0.158%
215	12.967	12.937	13.012	VV	2865	95386	12.59%	0.224%
216	13.036	13.012	13.044	VV	1864	31810	4.20%	0.075%
217	13.061	13.044	13.080	VV	1895	37902	5.00%	0.089%
218	13.095	13.080	13.117	VV	1739	31485	4.16%	0.074%
219	13.130	13.117	13.143	VV	1217	17324	2.29%	0.041%
220	13.158	13.143	13.176	VV	1250	22914	3.03%	0.054%
221	13.186	13.176	13.208	VV	1267	22530	2.97%	0.053%
222	13.214	13.208	13.239	VV	1168	18912	2.50%	0.044%
223	13.266	13.239	13.319	VV	1796	48619	6.42%	0.114%
224	13.335	13.319	13.349	VV	993	14528	1.92%	0.034%
225	13.367	13.349	13.389	VV	930	20279	2.68%	0.048%
226	13.410	13.389	13.452	VV	2219	51678	6.82%	0.121%
227	13.465	13.452	13.505	VV	899	18619	2.46%	0.044%
228	13.543	13.505	13.579	VV	1225	32903	4.34%	0.077%
229	13.598	13.579	13.627	VV	1061	16763	2.21%	0.039%
230	13.634	13.627	13.646	VV	284	2578	0.34%	0.006%
231	13.662	13.646	13.677	VV	430	4557	0.60%	0.011%
232	13.695	13.677	13.701	PBA	175	2093	0.28%	0.005%
233	13.752	13.701	13.777	BV	121	-3505	-0.46%	-0.008%
234	13.780	13.777	13.786	PV	38	148	0.02%	0.000%
235	13.805	13.786	13.832	VV	235	3119	0.41%	0.007%
236	13.855	13.832	13.887	PV	301	4283	0.57%	0.010%
237	13.930	13.887	13.947	PV	521	8697	1.15%	0.020%
238	13.971	13.947	13.997	VV	614	11107	1.47%	0.026%
239	14.003	13.997	14.018	VV	326	3301	0.44%	0.008%
240	14.026	14.018	14.037	VV	376	3239	0.43%	0.008%
241	14.059	14.037	14.094	VV	453	7426	0.98%	0.017%
242	14.113	14.094	14.163	VV	566	12573	1.66%	0.030%
243	14.174	14.163	14.190	VV	319	2963	0.39%	0.007%
244	14.200	14.190	14.216	VV	232	2410	0.32%	0.006%
245	14.220	14.216	14.253	VV	224	3935	0.52%	0.009%
246	14.259	14.253	14.283	VV	152	1582	0.21%	0.004%

					rteres			
247	14.291	14.283	14.295	PV	97	364	0.05%	0.001%
248	14.347	14.295	14.386	VV	563	15279	2.02%	0.036%
249	14.391	14.386	14.403	VV	163	1703	0.22%	0.004%
250	14.409	14.403	14.461	VV	247	5883	0.78%	0.014%
251	14.475	14.461	14.487	VV	330	4350	0.57%	0.010%
252	14.501	14.487	14.520	VV	401	6217	0.82%	0.015%
253	14.543	14.520	14.559	VV	403	6576	0.87%	0.015%
254	14.567	14.559	14.609	VV	289	7104	0.94%	0.017%
255	14.625	14.609	14.652	VV	335	5095	0.67%	0.012%
256	14.675	14.652	14.706	PV	491	8597	1.14%	0.020%
257	14.709	14.706	14.766	VV	178	4551	0.60%	0.011%
258	14.770	14.766	14.784	VV	149	1259	0.17%	0.003%
259	14.833	14.784	14.886	VV	520	17962	2.37%	0.042%
260	14.896	14.886	14.916	VV	125	1769	0.23%	0.004%
261	14.958	14.916	14.978	VV	179	4495	0.59%	0.011%
262	15.011	14.978	15.041	VV	1199	19961	2.64%	0.047%
263	15.053	15.041	15.091	VV	302	4738	0.63%	0.011%
264	15.104	15.091	15.124	VV	171	2108	0.28%	0.005%
265	15.197	15.124	15.241	VV	1057	33446	4.42%	0.079%
266	15.254	15.241	15.281	VV	218	4061	0.54%	0.010%
267	15.303	15.281	15.322	VV	205	3943	0.52%	0.009%
268	15.335	15.322	15.349	VV	162	2165	0.29%	0.005%
269	15.382	15.349	15.444	VV	296	9685	1.28%	0.023%
270	15.455	15.444	15.492	VV	141	2309	0.30%	0.005%
271	15.499	15.492	15.547	VV	134	1961	0.26%	0.005%
272	15.634	15.547	15.674	PV	740	20792	2.75%	0.049%
273	15.690	15.674	15.712	VV	287	4610	0.61%	0.011%
274	15.735	15.712	15.766	VV	522	9571	1.26%	0.022%
275	15.809	15.766	15.899	VV	372	12033	1.59%	0.028%
276	15.929	15.899	15.945	VV	143	2094	0.28%	0.005%
277	15.960	15.945	15.986	PV	198	2617	0.35%	0.006%
278	16.016	15.986	16.043	VV	304	6915	0.91%	0.016%
279	16.051	16.043	16.069	VV	122	1648	0.22%	0.004%
280	16.105	16.069	16.137	VV	188	5881	0.78%	0.014%
281	16.167	16.137	16.184	VV	375	6859	0.91%	0.016%
282	16.197	16.184	16.213	VV	392	4480	0.59%	0.011%
283	16.237	16.213	16.279	VV	630	10729	1.42%	0.025%
284	16.291	16.279	16.318	VV	146	1782	0.24%	0.004%
285	16.381	16.318	16.401	VV	483	9406	1.24%	0.022%
286	16.412	16.401	16.479	VV	277	6050	0.80%	0.014%
287	16.509	16.479	16.524	VV	92	1787	0.24%	0.004%
288	16.532	16.524	16.544	VV	131	1247	0.16%	0.003%
289	16.551	16.544	16.565	VV	131	1102	0.15%	0.003%
290	16.583	16.565	16.593	PV	208	1831	0.24%	0.004%
291	16.603	16.593	16.642	VV	179	2976	0.39%	0.007%
292	16.681	16.642	16.692	VV	247	4377	0.58%	0.010%
293	16.719	16.692	16.744	VV	703	12312	1.63%	0.029%
294	16.763	16.744	16.781	VV	341	5881	0.78%	0.014%
295	16.797	16.781	16.821	VV	290	4810	0.64%	0.011%
296	16.838	16.821	16.867	VV	206	3920	0.52%	0.009%
297	16.896	16.867	16.924	VV	316	6708	0.89%	0.016%
298	16.929	16.924	16.974	VV	132	2477	0.33%	0.006%
299	16.998	16.974	17.006	PV	89	1508	0.20%	0.004%

					rteres				
300	17.023	17.006	17.033	VV	118	1230	0.16%	0.003%	
301	17.081	17.033	17.108	VV	547	11757	1.55%	0.028%	
302	17.146	17.108	17.161	VV	320	8332	1.10%	0.020%	
303	17.185	17.161	17.232	VV	1146	18419	2.43%	0.043%	
304	17.239	17.232	17.250	VV	113	728	0.10%	0.002%	
305	17.268	17.250	17.301	PBA	137	620	0.08%	0.001%	

Sum of corrected areas: 42588711

FF102124.M Fri Nov 01 06:29:49 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	82.7	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
FF014849.D	1	10/30/24 08:00	10/30/24 20:56	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	5480		223	2010	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	13.9		37 - 130	70%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014849.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 20:56
Operator : YP\AJ
Sample : P4599-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7

Integration File: autoint1.e
Quant Time: Nov 01 01:46:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.014	1829657	13.903 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

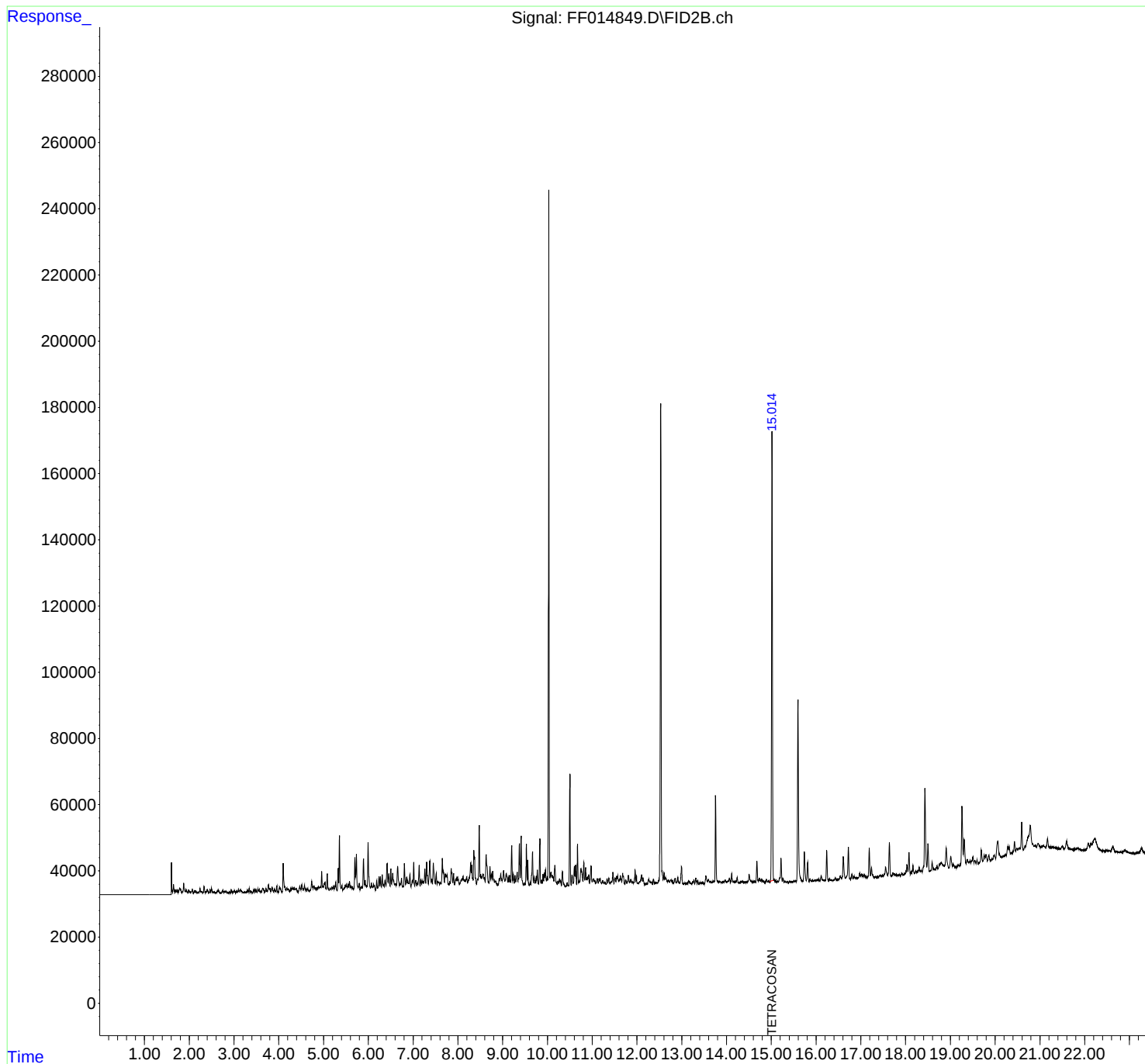
(m)=manual int.

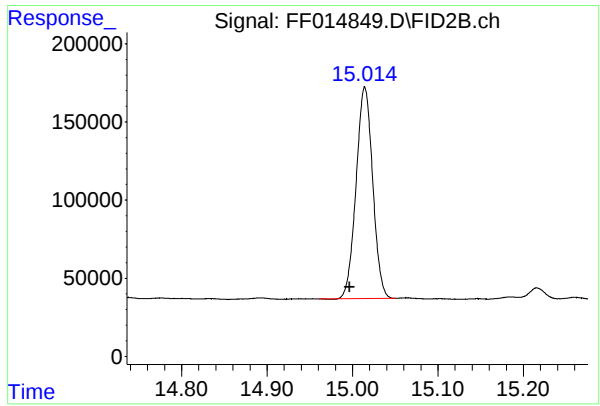
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014849.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 20:56
Operator : YP\AJ
Sample : P4599-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7

Integration File: autoint1.e
Quant Time: Nov 01 01:46:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: 0.017 min
Response: 1829657
Conc: 13.90 ug/ml

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014849.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 20:56
 Sample : P4599-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.469	4.418	4.497	BV	1622	26800	1.23%	0.123%
2	4.513	4.497	4.542	VV	2022	31899	1.47%	0.146%
3	4.575	4.542	4.593	VV	1895	29576	1.36%	0.136%
4	4.606	4.593	4.623	VV	892	9408	0.43%	0.043%
5	4.646	4.623	4.683	PV	986	14549	0.67%	0.067%
6	4.700	4.683	4.710	VV	462	5639	0.26%	0.026%
7	4.737	4.710	4.771	VV	3021	55811	2.57%	0.256%
8	4.785	4.771	4.805	VV	1683	25944	1.20%	0.119%
9	4.827	4.805	4.842	VV	1036	17415	0.80%	0.080%
10	4.856	4.842	4.867	VV	1151	11888	0.55%	0.055%
11	4.883	4.867	4.902	VV	1508	22197	1.02%	0.102%
12	4.916	4.902	4.926	VV	1261	15915	0.73%	0.073%
13	4.934	4.926	4.944	VV	1270	12092	0.56%	0.055%
14	4.959	4.944	4.979	VV	5954	67093	3.09%	0.308%
15	4.993	4.979	5.003	VV	1523	19415	0.89%	0.089%
16	5.016	5.003	5.021	VV	2102	20003	0.92%	0.092%
17	5.034	5.021	5.062	VV	2631	39547	1.82%	0.181%
18	5.083	5.062	5.124	VV	5273	67034	3.09%	0.307%
19	5.148	5.124	5.166	VV	850	14100	0.65%	0.065%
20	5.185	5.166	5.203	VV	1221	16754	0.77%	0.077%
21	5.223	5.203	5.242	VV	1437	23342	1.08%	0.107%
22	5.273	5.242	5.305	VV	2737	44396	2.05%	0.204%
23	5.327	5.305	5.340	PV	6858	67910	3.13%	0.311%
24	5.355	5.340	5.398	VV	16636	188393	8.68%	0.864%
25	5.411	5.398	5.429	VV	1630	17872	0.82%	0.082%
26	5.453	5.429	5.464	VV	722	10676	0.49%	0.049%
27	5.484	5.464	5.500	VV	1744	26106	1.20%	0.120%
28	5.512	5.500	5.534	VV	2024	28204	1.30%	0.129%
29	5.552	5.534	5.565	VV	1947	26147	1.20%	0.120%
30	5.580	5.565	5.599	VV	2791	37643	1.73%	0.173%
31	5.611	5.599	5.642	VV	1379	26717	1.23%	0.122%
32	5.649	5.642	5.665	VV	908	8739	0.40%	0.040%
33	5.700	5.665	5.715	VV	9961	111744	5.15%	0.512%
34	5.735	5.715	5.775	VV	10967	155610	7.17%	0.713%
35	5.797	5.775	5.816	VV	2125	29765	1.37%	0.136%
36	5.833	5.816	5.839	VV	903	8406	0.39%	0.039%

					rteres			
37	5.847	5.839	5.867	VV	892	13738	0.63%	0.063%
38	5.893	5.867	5.920	VV	9543	133549	6.15%	0.612%
39	5.930	5.920	5.954	VV	2886	40360	1.86%	0.185%
40	5.963	5.954	5.977	VV	1425	18189	0.84%	0.083%
41	5.996	5.977	6.047	VV	14530	199074	9.17%	0.913%
42	6.070	6.047	6.088	VV	2163	31830	1.47%	0.146%
43	6.096	6.088	6.105	VV	1026	9870	0.45%	0.045%
44	6.118	6.105	6.130	VV	1831	21306	0.98%	0.098%
45	6.136	6.130	6.163	VV	1300	12877	0.59%	0.059%
46	6.188	6.163	6.208	VV	2874	34475	1.59%	0.158%
47	6.241	6.208	6.256	VV	4148	59552	2.74%	0.273%
48	6.271	6.256	6.292	VV	4184	49592	2.28%	0.227%
49	6.312	6.292	6.337	VV	4646	65333	3.01%	0.300%
50	6.343	6.337	6.356	VV	1416	14581	0.67%	0.067%
51	6.373	6.356	6.395	VV	2819	46352	2.14%	0.213%
52	6.420	6.395	6.441	VV	7897	133450	6.15%	0.612%
53	6.460	6.441	6.487	VV	4917	84992	3.92%	0.390%
54	6.504	6.487	6.519	VV	6428	70826	3.26%	0.325%
55	6.546	6.519	6.562	VV	5046	85192	3.92%	0.391%
56	6.567	6.562	6.583	VV	3017	30301	1.40%	0.139%
57	6.590	6.583	6.602	VV	1751	18972	0.87%	0.087%
58	6.608	6.602	6.625	VV	1830	20611	0.95%	0.094%
59	6.657	6.625	6.698	VV	7104	149879	6.91%	0.687%
60	6.708	6.698	6.717	VV	1653	17916	0.83%	0.082%
61	6.743	6.717	6.764	VV	3531	57701	2.66%	0.265%
62	6.774	6.764	6.785	VV	1047	11637	0.54%	0.053%
63	6.807	6.785	6.833	VV	7949	109293	5.04%	0.501%
64	6.857	6.833	6.871	VV	3799	62094	2.86%	0.285%
65	6.883	6.871	6.898	VV	2626	35881	1.65%	0.164%
66	6.903	6.898	6.910	VV	1892	12567	0.58%	0.058%
67	6.930	6.910	6.953	VV	4644	71186	3.28%	0.326%
68	6.986	6.953	6.999	VV	2729	52534	2.42%	0.241%
69	7.015	6.999	7.037	VV	8234	96635	4.45%	0.443%
70	7.058	7.037	7.084	VV	2787	52619	2.42%	0.241%
71	7.096	7.084	7.106	VV	1939	21208	0.98%	0.097%
72	7.137	7.106	7.157	VV	7279	108862	5.02%	0.499%
73	7.174	7.157	7.192	VV	2967	43818	2.02%	0.201%
74	7.205	7.192	7.217	VV	2698	32851	1.51%	0.151%
75	7.234	7.217	7.245	VV	2343	35799	1.65%	0.164%
76	7.265	7.245	7.285	VV	6107	90528	4.17%	0.415%
77	7.304	7.285	7.344	VV	8251	150422	6.93%	0.690%
78	7.373	7.344	7.405	VV	8599	169346	7.80%	0.776%
79	7.417	7.405	7.434	VV	3010	41630	1.92%	0.191%
80	7.453	7.434	7.495	VV	7863	158858	7.32%	0.728%
81	7.518	7.495	7.535	VV	4799	71991	3.32%	0.330%
82	7.555	7.535	7.567	VV	2243	37234	1.72%	0.171%
83	7.577	7.567	7.593	VV	2096	27867	1.28%	0.128%
84	7.608	7.593	7.625	VV	1981	32049	1.48%	0.147%
85	7.654	7.625	7.670	VV	9321	133585	6.15%	0.612%
86	7.677	7.670	7.700	VV	5290	72257	3.33%	0.331%
87	7.716	7.700	7.725	VV	4510	52997	2.44%	0.243%
88	7.735	7.725	7.754	VV	4252	67081	3.09%	0.308%
89	7.763	7.754	7.793	VV	4217	61507	2.83%	0.282%

					rteres			
90	7.820	7.793	7.831	VV	1979	37054	1.71%	0.170%
91	7.852	7.831	7.863	VV	6191	77959	3.59%	0.357%
92	7.869	7.863	7.890	VV	4970	57072	2.63%	0.262%
93	7.906	7.890	7.927	VV	4627	62535	2.88%	0.287%
94	7.950	7.927	7.957	VV	2823	36718	1.69%	0.168%
95	7.968	7.957	7.981	VV	3230	40413	1.86%	0.185%
96	7.993	7.981	8.006	VV	3543	44494	2.05%	0.204%
97	8.010	8.006	8.039	VV	2691	39648	1.83%	0.182%
98	8.070	8.039	8.080	VV	2503	46823	2.16%	0.215%
99	8.092	8.080	8.104	VV	3017	41994	1.93%	0.193%
100	8.117	8.104	8.138	VV	3757	63298	2.92%	0.290%
101	8.157	8.138	8.169	VV	2615	44894	2.07%	0.206%
102	8.199	8.169	8.220	VV	3562	81056	3.73%	0.372%
103	8.288	8.220	8.300	VV	7774	189397	8.73%	0.868%
104	8.311	8.300	8.340	VV	7054	106891	4.92%	0.490%
105	8.358	8.340	8.368	VV	11498	129855	5.98%	0.595%
106	8.373	8.368	8.415	VV	9494	131070	6.04%	0.601%
107	8.440	8.415	8.449	VV	2808	44639	2.06%	0.205%
108	8.479	8.449	8.499	VV	19074	260097	11.98%	1.192%
109	8.508	8.499	8.523	VV	4070	53429	2.46%	0.245%
110	8.539	8.523	8.547	VV	3586	47176	2.17%	0.216%
111	8.559	8.547	8.584	VV	4241	83168	3.83%	0.381%
112	8.592	8.584	8.611	VV	3191	43661	2.01%	0.200%
113	8.633	8.611	8.681	VV	10106	234049	10.78%	1.073%
114	8.686	8.681	8.696	VV	1739	15145	0.70%	0.069%
115	8.719	8.696	8.735	VV	6533	88436	4.07%	0.405%
116	8.751	8.735	8.765	VV	4220	63940	2.95%	0.293%
117	8.780	8.765	8.819	VV	5102	101146	4.66%	0.464%
118	8.830	8.819	8.836	VV	2025	18625	0.86%	0.085%
119	8.846	8.836	8.879	VV	2097	40748	1.88%	0.187%
120	8.885	8.879	8.900	VV	1100	12913	0.59%	0.059%
121	8.928	8.900	8.941	VV	2909	51869	2.39%	0.238%
122	8.960	8.941	8.989	VV	4202	85608	3.94%	0.392%
123	9.022	8.989	9.050	VV	5240	119272	5.50%	0.547%
124	9.081	9.050	9.115	VV	4344	118419	5.46%	0.543%
125	9.127	9.115	9.140	VV	3065	36020	1.66%	0.165%
126	9.155	9.140	9.175	VV	3749	55307	2.55%	0.254%
127	9.204	9.175	9.225	VV	12711	178312	8.22%	0.817%
128	9.240	9.225	9.262	VV	4067	60676	2.80%	0.278%
129	9.277	9.262	9.293	VV	3690	46888	2.16%	0.215%
130	9.327	9.293	9.342	VV	4645	90883	4.19%	0.417%
131	9.375	9.342	9.395	VV	13290	186655	8.60%	0.856%
132	9.415	9.395	9.463	VV	15563	210155	9.68%	0.963%
133	9.482	9.463	9.500	VV	1362	22939	1.06%	0.105%
134	9.532	9.500	9.549	VV	13014	156601	7.21%	0.718%
135	9.563	9.549	9.600	VV	8327	97184	4.48%	0.446%
136	9.616	9.600	9.630	VV	1471	19339	0.89%	0.089%
137	9.669	9.630	9.690	VV	10781	167484	7.72%	0.768%
138	9.706	9.690	9.728	VV	3161	49635	2.29%	0.228%
139	9.751	9.728	9.762	VV	3284	46049	2.12%	0.211%
140	9.776	9.762	9.800	VV	5219	66615	3.07%	0.305%
141	9.832	9.800	9.855	VV	14630	182379	8.40%	0.836%

					rteres			
142	9.871	9.855	9.884	VV	2135	28145	1.30%	0.129%
143	9.900	9.884	9.916	VV	3836	51519	2.37%	0.236%
144	9.932	9.916	9.944	VV	4398	54832	2.53%	0.251%
145	9.958	9.944	9.979	VV	5360	74294	3.42%	0.341%
146	9.995	9.979	10.005	VV	2891	36978	1.70%	0.170%
147	10.032	10.005	10.056	VV	210559	2170539	100.00%	9.951%
148	10.078	10.056	10.100	VV	4364	92285	4.25%	0.423%
149	10.108	10.100	10.120	VV	3508	39188	1.81%	0.180%
150	10.127	10.120	10.145	VV	3030	38133	1.76%	0.175%
151	10.166	10.145	10.219	VV	6483	136754	6.30%	0.627%
152	10.232	10.219	10.252	VV	1724	26923	1.24%	0.123%
153	10.271	10.252	10.284	VV	2410	34418	1.59%	0.158%
154	10.294	10.284	10.314	VV	1928	22181	1.02%	0.102%
155	10.336	10.314	10.365	VV	4670	70296	3.24%	0.322%
156	10.370	10.365	10.392	VV	812	8043	0.37%	0.037%
157	10.404	10.392	10.418	VV	240	2150	0.10%	0.010%
158	10.440	10.418	10.475	VV	1134	18300	0.84%	0.084%
159	10.503	10.475	10.530	VV	34071	387218	17.84%	1.775%
160	10.550	10.530	10.575	VV	3425	52632	2.42%	0.241%
161	10.603	10.575	10.617	VV	6065	83870	3.86%	0.385%
162	10.631	10.617	10.652	VV	6437	81678	3.76%	0.374%
163	10.673	10.652	10.714	VV	12804	164692	7.59%	0.755%
164	10.749	10.714	10.793	VV	5413	154669	7.13%	0.709%
165	10.813	10.793	10.834	VV	7307	100148	4.61%	0.459%
166	10.853	10.834	10.871	VV	5601	78863	3.63%	0.362%
167	10.888	10.871	10.901	VV	2694	43212	1.99%	0.198%
168	10.920	10.901	10.939	VV	3393	53417	2.46%	0.245%
169	10.975	10.939	11.000	VV	6114	113223	5.22%	0.519%
170	11.026	11.000	11.047	VV	2184	50481	2.33%	0.231%
171	11.057	11.047	11.074	VV	1738	22378	1.03%	0.103%
172	11.077	11.074	11.085	VV	1018	6341	0.29%	0.029%
173	11.115	11.085	11.135	VV	2320	47144	2.17%	0.216%
174	11.153	11.135	11.164	VV	2260	27868	1.28%	0.128%
175	11.176	11.164	11.213	VV	2335	44293	2.04%	0.203%
176	11.231	11.213	11.268	VV	1643	37026	1.71%	0.170%
177	11.283	11.268	11.310	VV	1146	22661	1.04%	0.104%
178	11.332	11.310	11.350	VV	2128	30570	1.41%	0.140%
179	11.372	11.350	11.395	VV	2266	40012	1.84%	0.183%
180	11.429	11.395	11.442	VV	1284	28870	1.33%	0.132%
181	11.464	11.442	11.485	VV	4146	60646	2.79%	0.278%
182	11.512	11.485	11.529	VV	2357	44697	2.06%	0.205%
183	11.546	11.529	11.557	VV	2805	36783	1.69%	0.169%
184	11.568	11.557	11.594	VV	3089	49500	2.28%	0.227%
185	11.604	11.594	11.614	VV	1823	19075	0.88%	0.087%
186	11.630	11.614	11.660	VV	2955	57136	2.63%	0.262%
187	11.679	11.660	11.730	VV	3681	87412	4.03%	0.401%
188	11.751	11.730	11.771	VV	1752	28157	1.30%	0.129%
189	11.808	11.771	11.838	VV	3119	62540	2.88%	0.287%
190	11.863	11.838	11.886	VV	1833	38232	1.76%	0.175%
191	11.892	11.886	11.910	VV	1060	13752	0.63%	0.063%
192	11.918	11.910	11.931	VV	918	10716	0.49%	0.049%
193	11.957	11.931	11.973	VV	4672	61453	2.83%	0.282%
194	11.987	11.973	12.009	VV	3002	39216	1.81%	0.180%

					rteres			
195	12.020	12.009	12.037	VV	779	11202	0.52%	0.051%
196	12.053	12.037	12.059	VV	1049	10798	0.50%	0.050%
197	12.104	12.059	12.121	VV	3237	67699	3.12%	0.310%
198	12.136	12.121	12.181	VV	2255	39127	1.80%	0.179%
199	12.201	12.181	12.227	VV	507	10703	0.49%	0.049%
200	12.262	12.227	12.289	VV	1786	40549	1.87%	0.186%
201	12.290	12.289	12.313	VV	1015	11850	0.55%	0.054%
202	12.324	12.313	12.341	VV	955	12285	0.57%	0.056%
203	12.368	12.341	12.411	VV	1811	36684	1.69%	0.168%
204	12.431	12.411	12.447	VV	787	14266	0.66%	0.065%
205	12.462	12.447	12.467	VV	711	7696	0.35%	0.035%
206	12.485	12.467	12.494	VV	1519	18393	0.85%	0.084%
207	12.530	12.494	12.583	VV	145689	1904518	87.74%	8.731%
208	12.603	12.583	12.620	VV	3716	56733	2.61%	0.260%
209	12.634	12.620	12.674	VV	2293	56008	2.58%	0.257%
210	12.699	12.674	12.726	VV	1468	34897	1.61%	0.160%
211	12.746	12.726	12.758	VV	1469	22559	1.04%	0.103%
212	12.765	12.758	12.786	VV	1356	18987	0.87%	0.087%
213	12.795	12.786	12.814	VV	1232	15580	0.72%	0.071%
214	12.852	12.814	12.879	VV	1911	41389	1.91%	0.190%
215	12.910	12.879	12.934	VV	2257	40016	1.84%	0.183%
216	12.940	12.934	12.957	VV	693	7665	0.35%	0.035%
217	12.993	12.957	13.043	VV	5488	97893	4.51%	0.449%
218	13.064	13.043	13.089	VV	453	8071	0.37%	0.037%
219	13.118	13.089	13.135	VV	480	8925	0.41%	0.041%
220	13.153	13.135	13.212	VV	1123	26678	1.23%	0.122%
221	13.247	13.212	13.255	VV	745	10517	0.48%	0.048%
222	13.270	13.255	13.290	VV	1394	17002	0.78%	0.078%
223	13.311	13.290	13.341	VV	1939	31161	1.44%	0.143%
224	13.355	13.341	13.379	VV	1175	15399	0.71%	0.071%
225	13.406	13.379	13.426	VV	527	9066	0.42%	0.042%
226	13.445	13.426	13.462	VV	580	8644	0.40%	0.040%
227	13.477	13.462	13.505	VV	464	6381	0.29%	0.029%
228	13.540	13.505	13.581	VV	2461	56641	2.61%	0.260%
229	13.596	13.581	13.622	VV	1333	23953	1.10%	0.110%
230	13.642	13.622	13.658	VV	722	13254	0.61%	0.061%
231	13.662	13.658	13.676	VV	564	5149	0.24%	0.024%
232	13.694	13.676	13.703	VV	868	10657	0.49%	0.049%
233	13.720	13.703	13.729	VV	836	11865	0.55%	0.054%
234	13.754	13.729	13.826	VV	26579	329214	15.17%	1.509%
235	13.849	13.826	13.881	VV	677	18375	0.85%	0.084%
236	13.906	13.881	13.911	VV	554	8063	0.37%	0.037%
237	13.915	13.911	13.922	VV	567	3621	0.17%	0.017%
238	13.930	13.922	13.946	VV	604	8007	0.37%	0.037%
239	13.969	13.946	13.995	VV	1132	23325	1.07%	0.107%
240	14.029	13.995	14.041	VV	822	16630	0.77%	0.076%
241	14.064	14.041	14.087	VV	1665	29303	1.35%	0.134%
242	14.113	14.087	14.159	VV	3148	55903	2.58%	0.256%
243	14.175	14.159	14.185	VV	597	8091	0.37%	0.037%
244	14.236	14.185	14.286	VV	1872	40420	1.86%	0.185%
245	14.339	14.286	14.376	VV	662	22339	1.03%	0.102%
246	14.388	14.376	14.399	VV	462	5505	0.25%	0.025%

					rteres			
247	14.407	14.399	14.420	VV	444	4731	0.22%	0.022%
248	14.426	14.420	14.437	VV	355	3051	0.14%	0.014%
249	14.478	14.437	14.484	VV	692	12760	0.59%	0.058%
250	14.505	14.484	14.539	VV	2765	49583	2.28%	0.227%
251	14.548	14.539	14.594	VV	692	18003	0.83%	0.083%
252	14.599	14.594	14.614	VV	497	5048	0.23%	0.023%
253	14.635	14.614	14.652	VV	562	10215	0.47%	0.047%
254	14.676	14.652	14.707	VV	6753	94883	4.37%	0.435%
255	14.732	14.707	14.762	VV	1578	33462	1.54%	0.153%
256	14.776	14.762	14.794	VV	1122	17137	0.79%	0.079%
257	14.800	14.794	14.821	VV	787	10257	0.47%	0.047%
258	14.831	14.821	14.856	VV	662	9299	0.43%	0.043%
259	14.893	14.856	14.915	VV	1140	20682	0.95%	0.095%
260	14.945	14.915	14.977	VV	541	15586	0.72%	0.071%
261	15.014	14.977	15.051	VV	136104	1858561	85.63%	8.521%
262	15.063	15.051	15.089	VV	1109	17630	0.81%	0.081%
263	15.102	15.089	15.126	VV	608	8827	0.41%	0.040%
264	15.146	15.126	15.159	VV	527	7344	0.34%	0.034%
265	15.186	15.159	15.195	VV	1605	22908	1.06%	0.105%
266	15.216	15.195	15.242	VV	7469	100239	4.62%	0.460%
267	15.260	15.242	15.289	VV	1447	21384	0.99%	0.098%
268	15.308	15.289	15.336	VV	377	7515	0.35%	0.034%
269	15.350	15.336	15.371	VV	214	3061	0.14%	0.014%
270	15.376	15.371	15.392	VV	125	841	0.04%	0.004%
271	15.411	15.392	15.447	PV	361	5491	0.25%	0.025%
272	15.458	15.447	15.469	VV	235	2301	0.11%	0.011%
273	15.476	15.469	15.486	VV	179	1690	0.08%	0.008%
274	15.502	15.486	15.515	VV	345	5322	0.25%	0.024%
275	15.522	15.515	15.537	VV	350	3966	0.18%	0.018%
276	15.548	15.537	15.562	VV	448	5457	0.25%	0.025%
277	15.594	15.562	15.687	VV	55169	820263	37.79%	3.761%
278	15.690	15.687	15.703	VV	455	3459	0.16%	0.016%
279	15.737	15.703	15.777	VV	9198	150002	6.91%	0.688%
280	15.811	15.777	15.843	VV	5873	86929	4.00%	0.399%
281	15.863	15.843	15.889	VV	597	9880	0.46%	0.045%
282	15.894	15.889	15.898	VV	153	635	0.03%	0.003%
283	15.911	15.898	15.919	VV	291	2381	0.11%	0.011%
284	15.923	15.919	15.945	VV	254	1705	0.08%	0.008%
285	15.974	15.945	16.000	VV	363	7843	0.36%	0.036%
286	16.005	16.000	16.014	VV	255	1689	0.08%	0.008%
287	16.027	16.014	16.041	VV	432	5769	0.27%	0.026%
288	16.056	16.041	16.083	VV	654	9764	0.45%	0.045%
289	16.113	16.083	16.146	VV	1672	29601	1.36%	0.136%
290	16.154	16.146	16.179	VV	357	5060	0.23%	0.023%
291	16.191	16.179	16.199	VV	248	2311	0.11%	0.011%
292	16.237	16.199	16.272	VV	9218	124923	5.76%	0.573%
293	16.299	16.272	16.351	VV	578	10339	0.48%	0.047%
294	16.358	16.351	16.369	PV	169	1056	0.05%	0.005%
295	16.374	16.369	16.378	VV	71	350	0.02%	0.002%
296	16.381	16.378	16.386	VV	67	252	0.01%	0.001%
297	16.391	16.386	16.396	VV	64	303	0.01%	0.001%
298	16.427	16.396	16.451	VV	566	11598	0.53%	0.053%
299	16.455	16.451	16.467	VV	215	1749	0.08%	0.008%

					rteres			
300	16.475	16.467	16.481	VV	220	1276	0.06%	0.006%
301	16.484	16.481	16.497	VV	163	1368	0.06%	0.006%
302	16.542	16.497	16.563	VV	993	22741	1.05%	0.104%
303	16.607	16.563	16.650	VV	7017	126764	5.84%	0.581%
304	16.720	16.650	16.770	VV	9744	158711	7.31%	0.728%
305	16.798	16.770	16.819	VV	1539	22550	1.04%	0.103%
306	16.848	16.819	16.866	VV	753	11269	0.52%	0.052%
307	16.879	16.866	16.906	VV	369	4981	0.23%	0.023%
308	16.922	16.906	16.929	VV	156	1792	0.08%	0.008%
309	16.931	16.929	16.934	VV	114	301	0.01%	0.001%
310	16.974	16.934	16.998	VV	1531	29095	1.34%	0.133%
311	17.019	16.998	17.039	VV	1234	21253	0.98%	0.097%
312	17.055	17.039	17.060	VV	727	7718	0.36%	0.035%
313	17.079	17.060	17.135	VV	1057	20290	0.93%	0.093%
314	17.187	17.135	17.201	PBA	6698	65842	3.03%	0.302%
					Sum of corrected areas:		21812505	

FF102124.M Fri Nov 01 06:12:54 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8		SDG No.:	P4599	
Lab Sample ID:	P4599-08		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	84.4	Decanted:
Sample Wt/Vol:	30.05	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
FF014864.D	100	10/30/24 08:00	10/31/24 9:30	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1140000		21900	197000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103124\
Data File : FF014864.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 09:30
Operator : YP\AJ
Sample : P4599-08 100X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-8

Integration File: autoint1.e
Quant Time: Nov 01 06:31:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

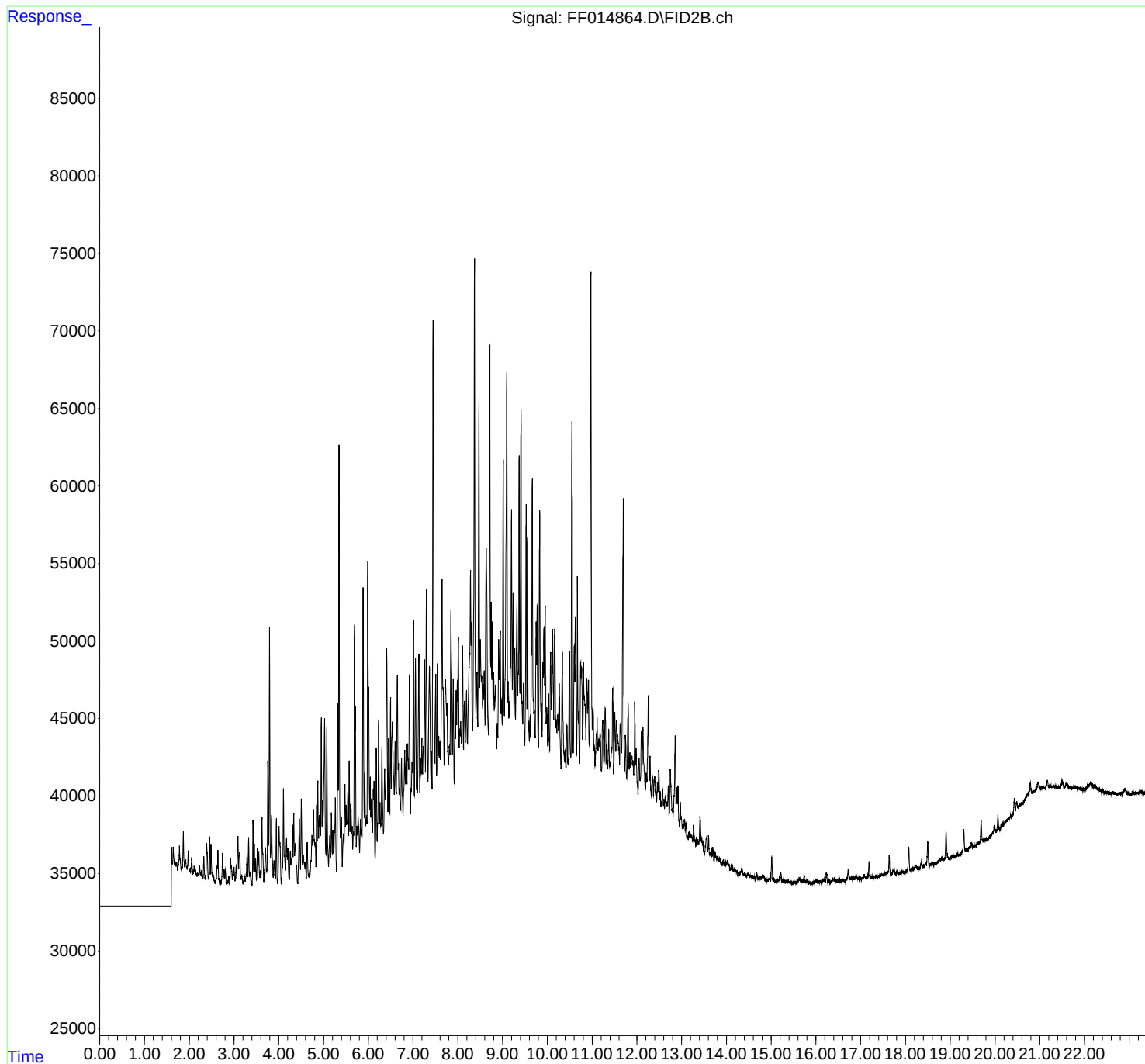
(m)=manual int.

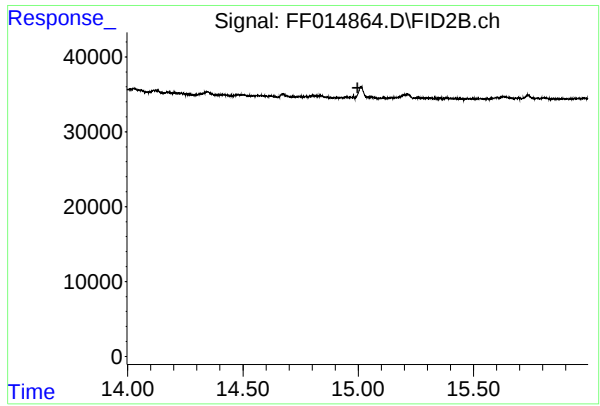
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014864.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 09:30
Operator : YP\AJ
Sample : P4599-08 100X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-8

Integration File: autoint1.e
Quant Time: Nov 01 06:31:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-8

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014864.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 09:30
Sample : P4599-08 100X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.460	4.412	4.486	BV	3814	60422	7.42%	0.142%
2	4.504	4.486	4.533	VV	5096	70624	8.68%	0.166%
3	4.550	4.533	4.588	VV	1509	36154	4.44%	0.085%
4	4.597	4.588	4.613	VV	1015	10210	1.25%	0.024%
5	4.636	4.613	4.661	PV	2291	29118	3.58%	0.068%
6	4.666	4.661	4.678	VV	200	1445	0.18%	0.003%
7	4.695	4.678	4.704	PV	455	4024	0.49%	0.009%
8	4.742	4.704	4.760	VV	2418	48035	5.90%	0.113%
9	4.777	4.760	4.808	VV	3952	70782	8.70%	0.166%
10	4.816	4.808	4.832	VV	1603	15842	1.95%	0.037%
11	4.848	4.832	4.859	PV	3451	30861	3.79%	0.073%
12	4.873	4.859	4.893	VV	4277	43377	5.33%	0.102%
13	4.925	4.905	4.936	BV	921	5536	0.68%	0.013%
14	4.951	4.936	4.969	PV	7768	73275	9.00%	0.172%
15	4.983	4.969	4.994	VV	2788	31465	3.87%	0.074%
16	5.025	4.994	5.056	VV	8561	147176	18.08%	0.346%
17	5.075	5.056	5.114	VV	8474	99642	12.24%	0.234%
18	5.141	5.114	5.160	PV	2049	32813	4.03%	0.077%
19	5.178	5.160	5.195	VV	3565	44246	5.44%	0.104%
20	5.208	5.195	5.231	VV	2504	34682	4.26%	0.081%
21	5.248	5.231	5.253	VV	2548	24448	3.00%	0.057%
22	5.266	5.253	5.296	VV	4629	56062	6.89%	0.132%
23	5.320	5.296	5.331	PV	10780	112030	13.76%	0.263%
24	5.347	5.331	5.381	VV	27450	320437	39.37%	0.753%
25	5.403	5.381	5.420	VV	3440	53501	6.57%	0.126%
26	5.448	5.420	5.459	VV	2356	39697	4.88%	0.093%
27	5.480	5.459	5.494	VV	5563	78424	9.64%	0.184%
28	5.504	5.494	5.515	VV	4223	46262	5.68%	0.109%
29	5.521	5.515	5.531	VV	3160	28707	3.53%	0.067%
30	5.545	5.531	5.558	VV	5102	64771	7.96%	0.152%
31	5.575	5.558	5.591	VV	7082	93870	11.53%	0.221%
32	5.604	5.591	5.632	VV	4218	85452	10.50%	0.201%
33	5.641	5.632	5.654	VV	2861	31045	3.81%	0.073%
34	5.669	5.654	5.676	VV	2572	27295	3.35%	0.064%
35	5.694	5.676	5.705	VV	15852	171774	21.11%	0.404%
36	5.712	5.705	5.732	VV	10570	107682	13.23%	0.253%

rteres								
37	5.748	5.732	5.760	VV	2867	38689	4.75%	0.091%
38	5.774	5.760	5.808	VV	3373	72709	8.93%	0.171%
39	5.827	5.808	5.842	VV	3280	48925	6.01%	0.115%
40	5.852	5.842	5.862	VV	2596	28832	3.54%	0.068%
41	5.886	5.862	5.911	VV	18235	269637	33.13%	0.633%
42	5.923	5.911	5.943	VV	6262	85626	10.52%	0.201%
43	5.961	5.943	5.971	VV	3525	53306	6.55%	0.125%
44	5.989	5.971	6.003	VV	19908	230786	28.36%	0.542%
45	6.009	6.003	6.034	VV	11790	148848	18.29%	0.350%
46	6.045	6.034	6.057	VV	6014	68212	8.38%	0.160%
47	6.068	6.057	6.082	VV	4519	55878	6.87%	0.131%
48	6.085	6.082	6.097	VV	3260	28015	3.44%	0.066%
49	6.113	6.097	6.122	VV	5207	61626	7.57%	0.145%
50	6.130	6.122	6.154	VV	5715	65507	8.05%	0.154%
51	6.180	6.154	6.198	VV	7797	99915	12.28%	0.235%
52	6.233	6.198	6.251	VV	9682	161496	19.84%	0.379%
53	6.263	6.251	6.281	VV	4300	62067	7.63%	0.146%
54	6.306	6.281	6.340	VV	7908	159144	19.55%	0.374%
55	6.365	6.340	6.389	VV	6490	131929	16.21%	0.310%
56	6.412	6.389	6.440	VV	14205	274420	33.72%	0.645%
57	6.456	6.440	6.480	VV	8397	144185	17.72%	0.339%
58	6.498	6.480	6.512	VV	11047	139163	17.10%	0.327%
59	6.540	6.512	6.581	VV	9454	302490	37.17%	0.711%
60	6.601	6.581	6.625	VV	8179	159576	19.61%	0.375%
61	6.651	6.625	6.668	VV	12421	228938	28.13%	0.538%
62	6.674	6.668	6.691	VV	6752	80447	9.88%	0.189%
63	6.700	6.691	6.725	VV	5182	92633	11.38%	0.218%
64	6.744	6.725	6.778	VV	7158	163639	20.11%	0.384%
65	6.815	6.778	6.828	VV	7631	171682	21.09%	0.403%
66	6.852	6.828	6.866	VV	7988	149425	18.36%	0.351%
67	6.881	6.866	6.906	VV	7961	168853	20.75%	0.397%
68	6.922	6.906	6.944	VV	12499	201132	24.71%	0.473%
69	6.957	6.944	6.962	VV	5109	49979	6.14%	0.117%
70	6.979	6.962	6.993	VV	6812	114139	14.02%	0.268%
71	7.010	6.993	7.030	VV	15961	217396	26.71%	0.511%
72	7.056	7.030	7.081	VV	13566	266797	32.78%	0.627%
73	7.091	7.081	7.103	VV	6225	73000	8.97%	0.172%
74	7.131	7.103	7.152	VV	13833	263657	32.40%	0.619%
75	7.169	7.152	7.182	VV	7012	109110	13.41%	0.256%
76	7.198	7.182	7.215	VV	8327	141221	17.35%	0.332%
77	7.232	7.215	7.239	VV	7827	103767	12.75%	0.244%
78	7.260	7.239	7.278	VV	13417	231357	28.43%	0.544%
79	7.299	7.278	7.335	VV	17943	354110	43.51%	0.832%
80	7.367	7.335	7.401	VV	12952	370659	45.54%	0.871%
81	7.412	7.401	7.425	VV	7480	93508	11.49%	0.220%
82	7.448	7.425	7.490	VV	35271	622536	76.49%	1.463%
83	7.509	7.490	7.529	VV	12450	220211	27.06%	0.517%
84	7.549	7.529	7.566	VV	13128	208903	25.67%	0.491%
85	7.575	7.566	7.587	VV	8430	100137	12.30%	0.235%
86	7.600	7.587	7.613	VV	8100	115203	14.15%	0.271%
87	7.650	7.613	7.696	VV	18590	562069	69.06%	1.320%
88	7.727	7.696	7.751	VV	12003	340167	41.80%	0.799%
89	7.760	7.751	7.791	VV	10515	204355	25.11%	0.480%

					rteres			
90	7.813	7.791	7.825	VV	7813	145915	17.93%	0.343%
91	7.848	7.825	7.882	VV	16600	399771	49.12%	0.939%
92	7.900	7.882	7.920	VV	12042	204933	25.18%	0.481%
93	7.942	7.920	7.951	VV	8825	141077	17.33%	0.331%
94	7.965	7.951	7.976	VV	11370	150445	18.49%	0.353%
95	7.990	7.976	7.998	VV	11969	145023	17.82%	0.341%
96	8.014	7.998	8.032	VV	14767	237908	29.23%	0.559%
97	8.044	8.032	8.050	VV	8810	93701	11.51%	0.220%
98	8.062	8.050	8.080	VV	9329	154972	19.04%	0.364%
99	8.108	8.080	8.128	VV	14194	304568	37.42%	0.716%
100	8.147	8.128	8.169	VV	10556	226370	27.81%	0.532%
101	8.195	8.169	8.215	VV	11325	262779	32.29%	0.617%
102	8.285	8.215	8.298	VV	18985	641532	78.82%	1.507%
103	8.306	8.298	8.334	VV	15720	257013	31.58%	0.604%
104	8.373	8.334	8.409	VV	39203	813877	100.00%	1.912%
105	8.428	8.409	8.446	VV	12384	245391	30.15%	0.577%
106	8.474	8.446	8.492	VV	30376	511710	62.87%	1.202%
107	8.504	8.492	8.527	VV	14529	272881	33.53%	0.641%
108	8.533	8.527	8.556	VV	12163	201285	24.73%	0.473%
109	8.568	8.556	8.579	VV	11633	150736	18.52%	0.354%
110	8.591	8.579	8.610	VV	12498	206856	25.42%	0.486%
111	8.637	8.610	8.687	VV	20425	648097	79.63%	1.523%
112	8.715	8.687	8.734	VV	33504	532222	65.39%	1.250%
113	8.749	8.734	8.762	VV	16981	243342	29.90%	0.572%
114	8.774	8.762	8.791	VV	15691	231130	28.40%	0.543%
115	8.803	8.791	8.819	VV	12427	187929	23.09%	0.442%
116	8.844	8.819	8.871	VV	11580	314937	38.70%	0.740%
117	8.884	8.871	8.895	VV	9164	126096	15.49%	0.296%
118	8.915	8.895	8.927	VV	14513	227168	27.91%	0.534%
119	8.949	8.927	8.967	VV	15029	303431	37.28%	0.713%
120	8.977	8.967	8.992	VV	10621	154657	19.00%	0.363%
121	9.015	8.992	9.041	VV	25990	456782	56.12%	1.073%
122	9.095	9.041	9.116	VV	31727	801439	98.47%	1.883%
123	9.125	9.116	9.140	VV	11787	154140	18.94%	0.362%
124	9.150	9.140	9.160	VV	10492	120668	14.83%	0.283%
125	9.200	9.160	9.220	VV	22868	536825	65.96%	1.261%
126	9.237	9.220	9.258	VV	17477	316271	38.86%	0.743%
127	9.273	9.258	9.292	VV	13953	233506	28.69%	0.549%
128	9.324	9.292	9.340	VV	16927	385473	47.36%	0.906%
129	9.370	9.340	9.388	VV	26344	468165	57.52%	1.100%
130	9.411	9.388	9.450	VV	29291	584257	71.79%	1.373%
131	9.468	9.450	9.493	VV	11586	255748	31.42%	0.601%
132	9.528	9.493	9.544	VV	23091	418548	51.43%	0.983%
133	9.559	9.544	9.577	VV	21052	282135	34.67%	0.663%
134	9.585	9.577	9.598	VV	9090	110820	13.62%	0.260%
135	9.614	9.598	9.626	VV	9484	146653	18.02%	0.345%
136	9.644	9.626	9.649	VV	13985	156170	19.19%	0.367%
137	9.665	9.649	9.727	VV	24742	614441	75.50%	1.444%
138	9.751	9.727	9.762	VV	15594	253474	31.14%	0.595%
139	9.773	9.762	9.800	VV	16538	279612	34.36%	0.657%
140	9.829	9.800	9.859	VV	22747	477860	58.71%	1.123%
141	9.867	9.859	9.882	VV	10286	134788	16.56%	0.317%

rteres								
142	9.901	9.882	9.910	VV	12941	190328	23.39%	0.447%
143	9.924	9.910	9.940	VV	15128	237088	29.13%	0.557%
144	9.953	9.940	9.975	VV	16524	272671	33.50%	0.641%
145	9.990	9.975	10.011	VV	9953	195743	24.05%	0.460%
146	10.027	10.011	10.052	VV	10873	214582	26.37%	0.504%
147	10.074	10.052	10.095	VV	13528	281770	34.62%	0.662%
148	10.120	10.095	10.143	VV	14988	353358	43.42%	0.830%
149	10.167	10.143	10.190	VV	15039	342089	42.03%	0.804%
150	10.200	10.190	10.213	VV	9222	124658	15.32%	0.293%
151	10.227	10.213	10.250	VV	9515	198410	24.38%	0.466%
152	10.268	10.250	10.306	VV	11521	299821	36.84%	0.704%
153	10.335	10.306	10.382	VV	13541	405675	49.84%	0.953%
154	10.396	10.382	10.415	VV	7128	131991	16.22%	0.310%
155	10.437	10.415	10.470	VV	8800	236138	29.01%	0.555%
156	10.493	10.470	10.524	VV	13588	287672	35.35%	0.676%
157	10.550	10.524	10.579	VV	28314	510465	62.72%	1.199%
158	10.602	10.579	10.613	VV	13880	224420	27.57%	0.527%
159	10.628	10.613	10.654	VV	15750	284355	34.94%	0.668%
160	10.672	10.654	10.691	VV	18414	281931	34.64%	0.662%
161	10.699	10.691	10.723	VV	9679	158353	19.46%	0.372%
162	10.746	10.723	10.756	VV	12839	199291	24.49%	0.468%
163	10.767	10.756	10.785	VV	12523	189536	23.29%	0.445%
164	10.810	10.785	10.842	VV	12867	359613	44.19%	0.845%
165	10.845	10.842	10.861	VV	10153	106472	13.08%	0.250%
166	10.882	10.861	10.900	VV	11753	236806	29.10%	0.556%
167	10.916	10.900	10.935	VV	11709	210853	25.91%	0.495%
168	10.973	10.935	11.001	VV	37850	730320	89.73%	1.716%
169	11.019	11.001	11.045	VV	9912	238529	29.31%	0.560%
170	11.051	11.045	11.066	VV	7299	84035	10.33%	0.197%
171	11.113	11.066	11.130	VV	9028	299197	36.76%	0.703%
172	11.149	11.130	11.158	VV	7813	125553	15.43%	0.295%
173	11.179	11.158	11.210	VV	8174	225282	27.68%	0.529%
174	11.235	11.210	11.267	VV	8984	256300	31.49%	0.602%
175	11.293	11.267	11.315	VV	9839	225186	27.67%	0.529%
176	11.328	11.315	11.348	VV	7222	133827	16.44%	0.314%
177	11.370	11.348	11.392	VV	8435	187037	22.98%	0.439%
178	11.431	11.392	11.436	VV	7155	174631	21.46%	0.410%
179	11.461	11.436	11.482	VV	11103	231999	28.51%	0.545%
180	11.508	11.482	11.529	VV	9501	226670	27.85%	0.533%
181	11.546	11.529	11.593	VV	9004	305405	37.52%	0.718%
182	11.598	11.593	11.611	VV	7272	73722	9.06%	0.173%
183	11.629	11.611	11.657	VV	8760	212150	26.07%	0.498%
184	11.695	11.657	11.726	VV	23260	526719	64.72%	1.237%
185	11.745	11.726	11.772	VV	7651	181679	22.32%	0.427%
186	11.804	11.772	11.827	VV	10127	243689	29.94%	0.573%
187	11.844	11.827	11.857	VV	6684	113047	13.89%	0.266%
188	11.873	11.857	11.880	VV	6681	89118	10.95%	0.209%
189	11.890	11.880	11.900	VV	6617	79616	9.78%	0.187%
190	11.913	11.900	11.932	VV	6372	114022	14.01%	0.268%
191	11.954	11.932	11.971	VV	10126	181969	22.36%	0.428%
192	11.983	11.971	12.024	VV	7115	177731	21.84%	0.418%
193	12.048	12.024	12.071	VV	6411	154762	19.02%	0.364%
194	12.103	12.071	12.119	VV	8211	185591	22.80%	0.436%

					rteres			
195	12.135	12.119	12.189	VV	8534	261622	32.15%	0.615%
196	12.209	12.189	12.225	VV	5507	112042	13.77%	0.263%
197	12.254	12.225	12.276	VV	10520	227105	27.90%	0.534%
198	12.293	12.276	12.326	VV	6647	158082	19.42%	0.371%
199	12.356	12.326	12.370	VV	5240	121377	14.91%	0.285%
200	12.397	12.370	12.420	VV	5268	142646	17.53%	0.335%
201	12.424	12.420	12.441	VV	4334	50262	6.18%	0.118%
202	12.457	12.441	12.469	VV	4845	74796	9.19%	0.176%
203	12.490	12.469	12.510	VV	5642	120846	14.85%	0.284%
204	12.520	12.510	12.537	VV	4316	64277	7.90%	0.151%
205	12.572	12.537	12.591	VV	4440	124021	15.24%	0.291%
206	12.603	12.591	12.620	VV	3803	61802	7.59%	0.145%
207	12.634	12.620	12.667	VV	3973	100902	12.40%	0.237%
208	12.674	12.667	12.682	VV	3639	30997	3.81%	0.073%
209	12.699	12.682	12.724	VV	4660	94806	11.65%	0.223%
210	12.745	12.724	12.809	VV	5702	198342	24.37%	0.466%
211	12.854	12.809	12.874	VV	7855	188689	23.18%	0.443%
212	12.888	12.874	12.904	VV	4452	72403	8.90%	0.170%
213	12.917	12.904	12.948	VV	4624	87609	10.76%	0.206%
214	12.968	12.948	12.985	VV	3564	63531	7.81%	0.149%
215	12.991	12.985	13.016	VV	2588	42214	5.19%	0.099%
216	13.023	13.016	13.043	VV	2079	32531	4.00%	0.076%
217	13.061	13.043	13.081	VV	2404	48606	5.97%	0.114%
218	13.096	13.081	13.145	VV	2222	60738	7.46%	0.143%
219	13.164	13.145	13.174	VV	1612	25206	3.10%	0.059%
220	13.181	13.174	13.185	VV	1373	8879	1.09%	0.021%
221	13.194	13.185	13.247	VV	1528	49298	6.06%	0.116%
222	13.266	13.247	13.319	VV	2015	53563	6.58%	0.126%
223	13.336	13.319	13.353	VV	1270	21016	2.58%	0.049%
224	13.363	13.353	13.381	VV	1123	16367	2.01%	0.038%
225	13.410	13.381	13.437	VV	2551	55921	6.87%	0.131%
226	13.442	13.437	13.504	VV	1218	32316	3.97%	0.076%
227	13.554	13.504	13.580	VV	1195	31248	3.84%	0.073%
228	13.600	13.580	13.628	VV	1342	19655	2.41%	0.046%
229	13.634	13.628	13.647	VV	183	1730	0.21%	0.004%
230	13.663	13.647	13.679	VV	549	5175	0.64%	0.012%
231	13.696	13.679	13.700	PBA	180	331	0.04%	0.001%
232	13.750	13.700	13.786	BV	166	-4234	-0.52%	-0.010%
233	13.806	13.786	13.838	PV	238	3843	0.47%	0.009%
234	13.851	13.838	13.888	VV	311	4951	0.61%	0.012%
235	13.904	13.888	13.915	PV	196	1805	0.22%	0.004%
236	13.933	13.915	13.949	VV	395	4958	0.61%	0.012%
237	13.973	13.949	13.997	VV	473	9391	1.15%	0.022%
238	14.027	13.997	14.099	VV	467	15466	1.90%	0.036%
239	14.119	14.099	14.151	VV	412	7972	0.98%	0.019%
240	14.156	14.151	14.159	VV	85	349	0.04%	0.001%
241	14.171	14.159	14.227	VV	196	5633	0.69%	0.013%
242	14.233	14.227	14.299	VV	185	3186	0.39%	0.007%
243	14.349	14.299	14.390	PV	527	12821	1.58%	0.030%
244	14.406	14.390	14.411	VV	179	1767	0.22%	0.004%
245	14.414	14.411	14.454	VV	177	2874	0.35%	0.007%
246	14.480	14.454	14.531	VV	236	7716	0.95%	0.018%

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247	14.562	14.531	14.607	VV	229	7361	0.90%	0.017%
248	14.615	14.607	14.649	VV	190	3140	0.39%	0.007%
249	14.675	14.649	14.714	PV	454	8711	1.07%	0.020%
250	14.731	14.714	14.762	VV	185	3921	0.48%	0.009%
251	14.803	14.762	14.819	VV	286	7517	0.92%	0.018%
252	14.835	14.819	14.887	VV	361	7129	0.88%	0.017%
253	15.012	14.887	15.039	PV	1586	29044	3.57%	0.068%
254	15.054	15.039	15.089	VV	200	3860	0.47%	0.009%
255	15.109	15.089	15.129	PV	123	1454	0.18%	0.003%
256	15.213	15.129	15.238	VV	645	18294	2.25%	0.043%
257	15.262	15.238	15.289	VV	199	3694	0.45%	0.009%
258	15.296	15.289	15.326	VV	164	2142	0.26%	0.005%
259	15.333	15.326	15.341	VV	153	723	0.09%	0.002%
260	15.355	15.341	15.375	VV	140	1762	0.22%	0.004%
261	15.383	15.375	15.412	VV	195	2368	0.29%	0.006%
262	15.420	15.412	15.434	VV	140	960	0.12%	0.002%
263	15.439	15.434	15.458	VV	108	869	0.11%	0.002%
264	15.471	15.458	15.495	PV	77	1008	0.12%	0.002%
265	15.509	15.495	15.542	PV	99	1561	0.19%	0.004%
266	15.602	15.542	15.612	VV	286	4956	0.61%	0.012%
267	15.632	15.612	15.674	VV	374	8992	1.10%	0.021%
268	15.693	15.674	15.710	VV	175	2883	0.35%	0.007%
269	15.736	15.710	15.770	VV	574	9812	1.21%	0.023%
270	15.776	15.770	15.787	VV	157	1239	0.15%	0.003%
271	15.805	15.787	15.837	VV	235	4433	0.54%	0.010%
272	15.850	15.837	15.875	VV	116	1535	0.19%	0.004%
273	15.882	15.875	15.912	VV	116	1311	0.16%	0.003%
274	16.010	15.912	16.027	PV	176	8066	0.99%	0.019%
275	16.049	16.027	16.074	VV	209	3723	0.46%	0.009%
276	16.105	16.074	16.148	VV	149	4471	0.55%	0.011%
277	16.163	16.148	16.214	VV	185	6471	0.80%	0.015%
278	16.236	16.214	16.265	VV	699	10513	1.29%	0.025%
279	16.283	16.265	16.313	VV	207	2991	0.37%	0.007%
280	16.332	16.313	16.352	PV	138	1581	0.19%	0.004%
281	16.374	16.352	16.402	VV	239	4688	0.58%	0.011%
282	16.412	16.402	16.472	VV	238	4777	0.59%	0.011%
283	16.483	16.472	16.513	VV	104	1188	0.15%	0.003%
284	16.533	16.513	16.550	PV	107	1438	0.18%	0.003%
285	16.557	16.550	16.613	VV	109	2741	0.34%	0.006%
286	16.619	16.613	16.636	VV	98	842	0.10%	0.002%
287	16.639	16.636	16.649	VV	91	302	0.04%	0.001%
288	16.720	16.649	16.743	PV	758	14066	1.73%	0.033%
289	16.759	16.743	16.788	VV	204	3964	0.49%	0.009%
290	16.799	16.788	16.834	VV	193	3058	0.38%	0.007%
291	16.846	16.834	16.861	VV	150	1731	0.21%	0.004%
292	16.893	16.861	16.906	VV	192	3261	0.40%	0.008%
293	16.912	16.906	16.953	VV	133	2615	0.32%	0.006%
294	16.968	16.953	16.996	VV	82	1471	0.18%	0.003%
295	17.007	16.996	17.034	VV	66	906	0.11%	0.002%
296	17.079	17.034	17.109	VV	237	4817	0.59%	0.011%
297	17.143	17.109	17.158	VV	161	2591	0.32%	0.006%
298	17.186	17.158	17.269	VV	1030	15360	1.89%	0.036%
299	17.286	17.269	17.303	PBA	44	-1348	-0.17%	-0.003%

rters
Sum of corrected areas: 42565006

FF102124.M Fri Nov 01 06:28:22 2024

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-9		SDG No.:	P4599	
Lab Sample ID:	P4599-09		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	88.4	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
FF014865.D	100	10/30/24 08:00	10/31/24 9:58	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	919000		20900	188000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	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\FF103124\
Data File : FF014865.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 09:58
Operator : YP\AJ
Sample : P4599-09 100X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-9

Integration File: autoint1.e
Quant Time: Nov 01 06:31:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds

Target Compounds

(f)=RT Delta > 1/2 Window

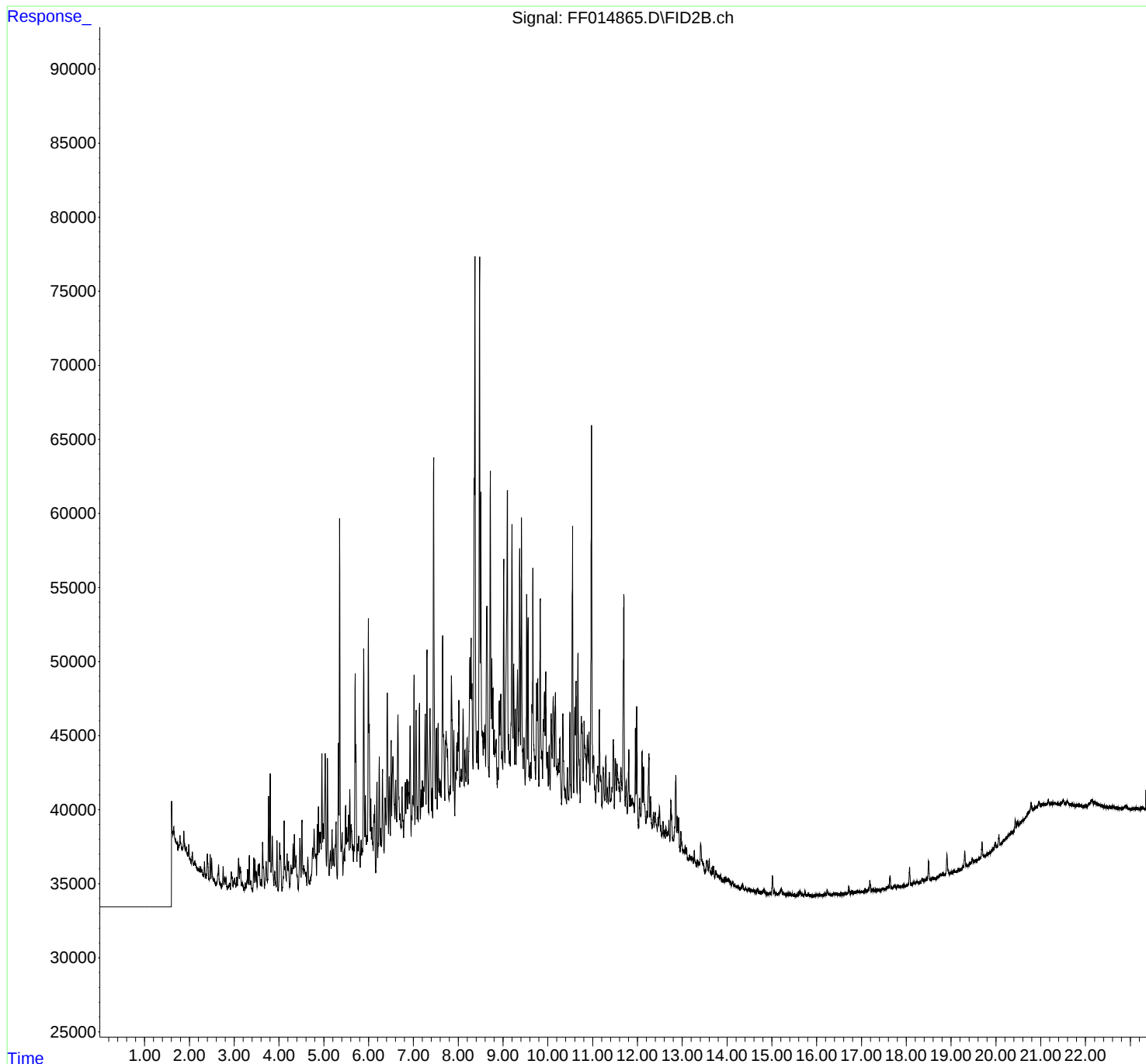
(m)=manual int.

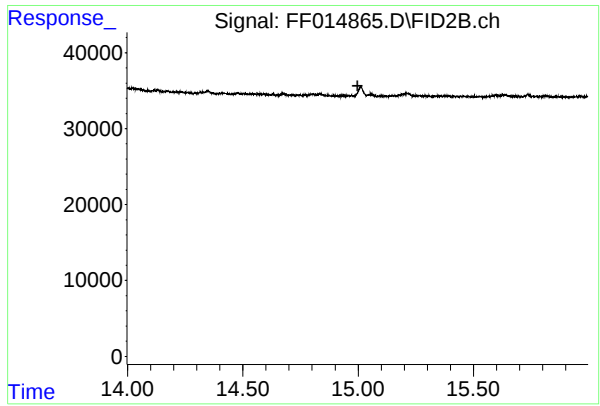
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014865.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 09:58
Operator : YP\AJ
Sample : P4599-09 100X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-9

Integration File: autoint1.e
Quant Time: Nov 01 06:31:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 14.997 min
Response: 0
Conc: N.D.

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-9

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
 Data File : FF014865.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2024 09:58
 Sample : P4599-09 100X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.407	4.400	4.430	BV	277	1421	0.21%	0.004%
2	4.468	4.430	4.494	PV	3349	60474	8.83%	0.169%
3	4.512	4.494	4.540	VV	4552	64769	9.46%	0.181%
4	4.556	4.540	4.596	VV	1457	35380	5.17%	0.099%
5	4.604	4.596	4.624	VV	932	9300	1.36%	0.026%
6	4.644	4.624	4.672	VV	1925	26160	3.82%	0.073%
7	4.676	4.672	4.685	VV	182	1098	0.16%	0.003%
8	4.703	4.685	4.714	PV	463	4266	0.62%	0.012%
9	4.752	4.714	4.767	VV	2152	39419	5.75%	0.110%
10	4.785	4.767	4.817	VV	3322	62218	9.08%	0.174%
11	4.824	4.817	4.839	VV	1497	13157	1.92%	0.037%
12	4.855	4.839	4.867	PV	3044	26068	3.81%	0.073%
13	4.880	4.867	4.900	VBA	3515	36144	5.28%	0.101%
14	4.915	4.900	4.925	BV	1425	13785	2.01%	0.038%
15	4.934	4.925	4.943	VV	1554	12806	1.87%	0.036%
16	4.958	4.943	4.976	VV	7049	71423	10.43%	0.199%
17	4.989	4.976	5.001	VV	2514	30378	4.43%	0.085%
18	5.033	5.001	5.061	VV	7599	131610	19.21%	0.367%
19	5.083	5.061	5.120	VV	7670	91654	13.38%	0.256%
20	5.148	5.120	5.167	PV	1738	27371	4.00%	0.076%
21	5.185	5.167	5.204	VV	3112	39334	5.74%	0.110%
22	5.216	5.204	5.238	VV	1893	24910	3.64%	0.070%
23	5.273	5.238	5.301	VV	3841	67158	9.80%	0.188%
24	5.327	5.301	5.338	PV	9160	95459	13.94%	0.267%
25	5.354	5.338	5.386	VV	24292	278705	40.69%	0.778%
26	5.410	5.386	5.427	VV	3143	50259	7.34%	0.140%
27	5.455	5.427	5.467	VV	1932	32417	4.73%	0.091%
28	5.487	5.467	5.500	VV	4923	66516	9.71%	0.186%
29	5.511	5.500	5.521	VV	3503	37368	5.46%	0.104%
30	5.530	5.521	5.536	VV	2739	23547	3.44%	0.066%
31	5.552	5.536	5.565	VV	4281	58037	8.47%	0.162%
32	5.582	5.565	5.598	VV	6062	80010	11.68%	0.223%
33	5.612	5.598	5.640	VV	3689	74776	10.92%	0.209%
34	5.647	5.640	5.661	VV	2347	24019	3.51%	0.067%
35	5.676	5.661	5.682	VV	2182	22026	3.22%	0.062%
36	5.700	5.682	5.712	VV	13884	149892	21.88%	0.419%

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37	5.718	5.712	5.739	VV	9063	92439	13.50%	0.258%
38	5.755	5.739	5.765	VV	2276	29624	4.32%	0.083%
39	5.780	5.765	5.814	VV	2894	60862	8.89%	0.170%
40	5.833	5.814	5.847	VV	2549	37983	5.55%	0.106%
41	5.857	5.847	5.868	VV	2091	23232	3.39%	0.065%
42	5.892	5.868	5.917	VV	15551	223953	32.69%	0.625%
43	5.929	5.917	5.953	VV	5645	80134	11.70%	0.224%
44	5.969	5.953	5.977	VV	2954	38183	5.57%	0.107%
45	5.995	5.977	6.009	VV	17568	203551	29.72%	0.568%
46	6.015	6.009	6.040	VV	10451	128490	18.76%	0.359%
47	6.051	6.040	6.064	VV	5365	57884	8.45%	0.162%
48	6.073	6.064	6.087	VV	3486	40545	5.92%	0.113%
49	6.093	6.087	6.103	VV	2452	21405	3.12%	0.060%
50	6.118	6.103	6.126	VV	4368	48863	7.13%	0.136%
51	6.136	6.126	6.159	VV	4975	57274	8.36%	0.160%
52	6.186	6.159	6.204	VV	6532	82524	12.05%	0.230%
53	6.239	6.204	6.257	VV	8216	132230	19.30%	0.369%
54	6.268	6.257	6.284	VV	3400	44761	6.53%	0.125%
55	6.311	6.284	6.346	VV	7392	140868	20.57%	0.393%
56	6.370	6.346	6.394	VV	5394	108899	15.90%	0.304%
57	6.418	6.394	6.445	VV	12546	233117	34.03%	0.651%
58	6.461	6.445	6.486	VV	6846	121184	17.69%	0.338%
59	6.503	6.486	6.517	VV	9295	113923	16.63%	0.318%
60	6.544	6.517	6.586	VV	8229	254472	37.15%	0.711%
61	6.605	6.586	6.625	VV	6655	118667	17.32%	0.331%
62	6.656	6.625	6.695	VV	11031	270731	39.52%	0.756%
63	6.703	6.695	6.719	VV	4269	57261	8.36%	0.160%
64	6.724	6.719	6.731	VV	3624	25841	3.77%	0.072%
65	6.747	6.731	6.782	VV	6190	134080	19.57%	0.374%
66	6.820	6.782	6.833	VV	6486	140959	20.58%	0.394%
67	6.857	6.833	6.870	VV	6681	123379	18.01%	0.344%
68	6.883	6.870	6.895	VV	6510	89865	13.12%	0.251%
69	6.900	6.895	6.910	VV	5786	47651	6.96%	0.133%
70	6.927	6.910	6.949	VV	10285	166206	24.26%	0.464%
71	6.961	6.949	6.968	VV	4224	42993	6.28%	0.120%
72	6.984	6.968	6.996	VV	5572	85165	12.43%	0.238%
73	7.015	6.996	7.035	VV	13689	187525	27.38%	0.524%
74	7.060	7.035	7.085	VV	11307	214940	31.38%	0.600%
75	7.095	7.085	7.107	VV	4800	58657	8.56%	0.164%
76	7.135	7.107	7.155	VV	11790	217906	31.81%	0.608%
77	7.174	7.155	7.188	VV	5973	98254	14.34%	0.274%
78	7.202	7.188	7.218	VV	6573	101254	14.78%	0.283%
79	7.235	7.218	7.243	VV	6190	84747	12.37%	0.237%
80	7.264	7.243	7.283	VV	11011	193786	28.29%	0.541%
81	7.303	7.283	7.339	VV	15411	293919	42.91%	0.821%
82	7.371	7.339	7.404	VV	11396	306090	44.69%	0.855%
83	7.416	7.404	7.429	VV	6048	78355	11.44%	0.219%
84	7.452	7.429	7.492	VV	28433	494607	72.21%	1.381%
85	7.513	7.492	7.532	VV	10122	181161	26.45%	0.506%
86	7.552	7.532	7.569	VV	10383	165889	24.22%	0.463%
87	7.579	7.569	7.591	VV	6659	83450	12.18%	0.233%
88	7.602	7.591	7.617	VV	6427	93570	13.66%	0.261%
89	7.653	7.617	7.700	VV	16312	466764	68.14%	1.303%

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90	7.716	7.700	7.722	VV	9253	101453	14.81%	0.283%
91	7.731	7.722	7.756	VV	9887	185739	27.12%	0.519%
92	7.763	7.756	7.795	VV	8710	159662	23.31%	0.446%
93	7.817	7.795	7.828	VV	6162	114015	16.65%	0.318%
94	7.851	7.828	7.885	VV	13632	328177	47.91%	0.916%
95	7.904	7.885	7.923	VV	9957	165914	24.22%	0.463%
96	7.946	7.923	7.955	VV	7130	120085	17.53%	0.335%
97	7.969	7.955	7.979	VV	9131	117163	17.10%	0.327%
98	7.992	7.979	8.002	VV	9726	118250	17.26%	0.330%
99	8.017	8.002	8.037	VV	11990	196124	28.63%	0.548%
100	8.045	8.037	8.054	VV	6735	65302	9.53%	0.182%
101	8.066	8.054	8.080	VV	7341	111072	16.22%	0.310%
102	8.111	8.080	8.133	VV	11378	262766	38.36%	0.734%
103	8.151	8.133	8.174	VV	8602	184978	27.00%	0.516%
104	8.199	8.174	8.219	VV	9388	210142	30.68%	0.587%
105	8.261	8.219	8.274	VV	14868	350442	51.16%	0.979%
106	8.288	8.274	8.301	VV	16165	221560	32.35%	0.619%
107	8.309	8.301	8.332	VV	13081	190554	27.82%	0.532%
108	8.358	8.332	8.362	VV	26918	281931	41.16%	0.787%
109	8.375	8.362	8.412	VV	41920	642847	93.85%	1.795%
110	8.433	8.412	8.450	VV	9874	200723	29.30%	0.560%
111	8.478	8.450	8.493	VV	41860	593334	86.62%	1.657%
112	8.506	8.493	8.533	VV	26027	387177	56.52%	1.081%
113	8.538	8.533	8.559	VV	9795	146850	21.44%	0.410%
114	8.571	8.559	8.582	VV	9739	122981	17.95%	0.343%
115	8.595	8.582	8.613	VV	10289	172612	25.20%	0.482%
116	8.640	8.613	8.688	VV	18274	538492	78.61%	1.504%
117	8.718	8.688	8.737	VV	27376	447445	65.32%	1.249%
118	8.752	8.737	8.764	VV	14749	205453	29.99%	0.574%
119	8.777	8.764	8.794	VV	12781	191310	27.93%	0.534%
120	8.806	8.794	8.821	VV	9852	149069	21.76%	0.416%
121	8.847	8.821	8.875	VV	9284	257864	37.65%	0.720%
122	8.887	8.875	8.898	VV	7351	96304	14.06%	0.269%
123	8.917	8.898	8.931	VV	11921	193313	28.22%	0.540%
124	8.952	8.931	8.969	VV	12321	241400	35.24%	0.674%
125	8.977	8.969	8.996	VV	8475	127328	18.59%	0.356%
126	9.017	8.996	9.042	VV	21418	357366	52.17%	0.998%
127	9.097	9.042	9.117	VV	26066	684976	100.00%	1.913%
128	9.127	9.117	9.142	VV	9645	131499	19.20%	0.367%
129	9.152	9.142	9.162	VV	8454	97122	14.18%	0.271%
130	9.201	9.162	9.222	VV	23792	491981	71.82%	1.374%
131	9.239	9.222	9.260	VV	14350	259964	37.95%	0.726%
132	9.276	9.260	9.292	VV	11312	180520	26.35%	0.504%
133	9.325	9.292	9.341	VV	13975	321346	46.91%	0.897%
134	9.372	9.341	9.390	VV	22156	389524	56.87%	1.088%
135	9.413	9.390	9.451	VV	24220	477995	69.78%	1.335%
136	9.470	9.451	9.495	VV	9371	208267	30.41%	0.582%
137	9.530	9.495	9.546	VV	19048	343350	50.13%	0.959%
138	9.561	9.546	9.580	VV	17476	235623	34.40%	0.658%
139	9.587	9.580	9.598	VV	7323	79614	11.62%	0.222%
140	9.615	9.598	9.629	VV	7721	130662	19.08%	0.365%
141	9.646	9.629	9.652	VV	11626	133161	19.44%	0.372%

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142	9.667	9.652	9.706	VV	20848	401260	58.58%	1.120%
143	9.711	9.706	9.729	VV	8030	99858	14.58%	0.279%
144	9.752	9.729	9.763	VV	13071	209441	30.58%	0.585%
145	9.775	9.763	9.801	VV	13358	224474	32.77%	0.627%
146	9.830	9.801	9.860	VV	18764	394606	57.61%	1.102%
147	9.869	9.860	9.884	VV	8445	112694	16.45%	0.315%
148	9.903	9.884	9.911	VV	10540	147444	21.53%	0.412%
149	9.926	9.911	9.941	VV	12442	199733	29.16%	0.558%
150	9.955	9.941	9.979	VV	13806	234991	34.31%	0.656%
151	9.993	9.979	10.012	VV	8373	148774	21.72%	0.415%
152	10.029	10.012	10.051	VV	8783	168603	24.61%	0.471%
153	10.074	10.051	10.098	VV	10919	245928	35.90%	0.687%
154	10.122	10.098	10.145	VV	12091	283203	41.34%	0.791%
155	10.170	10.145	10.195	VV	12428	291336	42.53%	0.813%
156	10.198	10.195	10.215	VV	7431	88947	12.99%	0.248%
157	10.229	10.215	10.250	VV	7973	152059	22.20%	0.425%
158	10.269	10.250	10.308	VV	9315	253022	36.94%	0.706%
159	10.336	10.308	10.386	VV	10974	336624	49.14%	0.940%
160	10.396	10.386	10.418	VV	5810	101987	14.89%	0.285%
161	10.438	10.418	10.472	VV	7348	190251	27.77%	0.531%
162	10.494	10.472	10.524	VV	11029	230401	33.64%	0.643%
163	10.551	10.524	10.578	VV	23618	408363	59.62%	1.140%
164	10.603	10.578	10.614	VV	11440	190811	27.86%	0.533%
165	10.629	10.614	10.654	VV	13154	232203	33.90%	0.648%
166	10.673	10.654	10.695	VV	14991	245507	35.84%	0.686%
167	10.700	10.695	10.723	VV	7905	112433	16.41%	0.314%
168	10.748	10.723	10.757	VV	10809	169002	24.67%	0.472%
169	10.766	10.757	10.789	VV	10302	169345	24.72%	0.473%
170	10.811	10.789	10.862	VV	10476	363033	53.00%	1.014%
171	10.883	10.862	10.900	VV	9526	189078	27.60%	0.528%
172	10.918	10.900	10.935	VV	9721	174227	25.44%	0.486%
173	10.974	11.035	11.002	VV	30426	600303	87.64%	1.676%
174	11.019	11.002	11.048	VV	8127	199683	29.15%	0.558%
175	11.053	11.048	11.067	VV	6048	65146	9.51%	0.182%
176	11.115	11.067	11.130	VV	7397	241360	35.24%	0.674%
177	11.151	11.130	11.174	VV	11226	214971	31.38%	0.600%
178	11.182	11.174	11.211	VV	6754	126428	18.46%	0.353%
179	11.236	11.211	11.268	VV	7308	208520	30.44%	0.582%
180	11.295	11.268	11.316	VV	8061	182511	26.64%	0.510%
181	11.332	11.316	11.352	VV	5940	116316	16.98%	0.325%
182	11.373	11.352	11.398	VV	6919	160418	23.42%	0.448%
183	11.431	11.398	11.441	VV	5922	140480	20.51%	0.392%
184	11.462	11.441	11.484	VV	9187	183359	26.77%	0.512%
185	11.510	11.484	11.530	VV	7917	186214	27.19%	0.520%
186	11.546	11.530	11.593	VV	7495	245260	35.81%	0.685%
187	11.599	11.593	11.613	VV	5954	68030	9.93%	0.190%
188	11.631	11.613	11.659	VV	7323	174139	25.42%	0.486%
189	11.696	11.659	11.728	VV	18846	435076	63.52%	1.215%
190	11.748	11.728	11.773	VV	6315	142206	20.76%	0.397%
191	11.805	11.773	11.829	VV	8513	200605	29.29%	0.560%
192	11.845	11.829	11.861	VV	5429	96690	14.12%	0.270%
193	11.873	11.861	11.880	VV	5177	55293	8.07%	0.154%
194	11.889	11.880	11.908	VV	5179	84721	12.37%	0.237%

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195	11.915	11.908	11.934	VV	4905	71885	10.49%	0.201%
196	11.955	11.934	11.969	VV	9996	151867	22.17%	0.424%
197	11.985	11.969	12.029	VV	11438	215334	31.44%	0.601%
198	12.050	12.029	12.075	VV	5193	119778	17.49%	0.334%
199	12.104	12.075	12.121	VV	8367	162868	23.78%	0.455%
200	12.136	12.121	12.188	VV	7322	205243	29.96%	0.573%
201	12.210	12.188	12.225	VV	4310	90570	13.22%	0.253%
202	12.254	12.225	12.278	VV	8239	184319	26.91%	0.515%
203	12.294	12.278	12.329	VV	5331	125085	18.26%	0.349%
204	12.357	12.329	12.373	VV	4195	96408	14.07%	0.269%
205	12.393	12.373	12.420	VV	4221	108172	15.79%	0.302%
206	12.427	12.420	12.443	VV	3409	44070	6.43%	0.123%
207	12.459	12.443	12.471	VV	3921	59491	8.69%	0.166%
208	12.490	12.471	12.512	VV	4652	96489	14.09%	0.269%
209	12.523	12.512	12.544	VV	3371	56735	8.28%	0.158%
210	12.571	12.544	12.590	VV	3650	85534	12.49%	0.239%
211	12.604	12.590	12.619	VV	3014	49865	7.28%	0.139%
212	12.634	12.619	12.667	VV	3259	82864	12.10%	0.231%
213	12.678	12.667	12.685	VV	2977	30784	4.49%	0.086%
214	12.701	12.685	12.723	VV	3674	69494	10.15%	0.194%
215	12.746	12.723	12.793	VV	5037	140678	20.54%	0.393%
216	12.797	12.793	12.810	VV	2437	24680	3.60%	0.069%
217	12.855	12.810	12.876	VV	6699	157887	23.05%	0.441%
218	12.891	12.876	12.905	VV	3914	58492	8.54%	0.163%
219	12.918	12.905	12.952	VV	3881	75486	11.02%	0.211%
220	12.970	12.952	13.017	VV	2900	82622	12.06%	0.231%
221	13.029	13.017	13.041	VV	1741	23064	3.37%	0.064%
222	13.062	13.041	13.083	VV	2023	43422	6.34%	0.121%
223	13.097	13.083	13.119	VV	1834	32206	4.70%	0.090%
224	13.125	13.119	13.145	VV	1155	16844	2.46%	0.047%
225	13.166	13.145	13.180	VV	1338	24018	3.51%	0.067%
226	13.194	13.180	13.211	VV	1238	20902	3.05%	0.058%
227	13.216	13.211	13.220	VV	1136	5865	0.86%	0.016%
228	13.226	13.220	13.247	VV	1129	16536	2.41%	0.046%
229	13.267	13.247	13.318	VV	1568	42950	6.27%	0.120%
230	13.334	13.318	13.353	VV	996	17228	2.52%	0.048%
231	13.367	13.353	13.388	VV	851	15695	2.29%	0.044%
232	13.410	13.388	13.505	VV	2129	67931	9.92%	0.190%
233	13.548	13.505	13.579	VV	970	24224	3.54%	0.068%
234	13.600	13.579	13.631	VV	1027	15859	2.32%	0.044%
235	13.636	13.631	13.651	VV	159	980	0.14%	0.003%
236	13.664	13.651	13.678	VV	466	4474	0.65%	0.012%
237	13.746	13.708	13.784	BV	223	788	0.12%	0.002%
238	13.788	13.784	13.794	PV	89	335	0.05%	0.001%
239	13.798	13.794	13.837	VV	146	2924	0.43%	0.008%
240	13.853	13.837	13.882	VV	314	4310	0.63%	0.012%
241	13.892	13.882	13.899	PV	118	728	0.11%	0.002%
242	13.907	13.899	13.916	VV	139	877	0.13%	0.002%
243	13.931	13.916	13.949	VV	322	3763	0.55%	0.011%
244	13.972	13.949	13.993	VV	395	6248	0.91%	0.017%
245	13.999	13.993	14.015	VV	288	3520	0.51%	0.010%
246	14.023	14.015	14.084	VV	354	10369	1.51%	0.029%

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247	14.087	14.084	14.098	VV	263	778	0.11%	0.002%
248	14.117	14.098	14.122	PV	253	2517	0.37%	0.007%
249	14.130	14.122	14.155	VV	345	4075	0.59%	0.011%
250	14.158	14.155	14.164	VV	149	729	0.11%	0.002%
251	14.175	14.164	14.209	VV	238	3657	0.53%	0.010%
252	14.213	14.209	14.235	VV	177	2190	0.32%	0.006%
253	14.239	14.235	14.254	VV	239	1595	0.23%	0.004%
254	14.259	14.254	14.284	VV	183	1661	0.24%	0.005%
255	14.294	14.284	14.303	PV	143	922	0.13%	0.003%
256	14.315	14.303	14.322	VV	212	1840	0.27%	0.005%
257	14.330	14.322	14.335	VV	276	1876	0.27%	0.005%
258	14.345	14.335	14.386	VV	435	6980	1.02%	0.019%
259	14.389	14.386	14.395	VV	95	416	0.06%	0.001%
260	14.411	14.395	14.458	VV	247	3908	0.57%	0.011%
261	14.480	14.458	14.497	VV	199	3235	0.47%	0.009%
262	14.501	14.497	14.526	VV	172	2197	0.32%	0.006%
263	14.530	14.526	14.543	VV	154	1104	0.16%	0.003%
264	14.546	14.543	14.560	VV	122	1127	0.16%	0.003%
265	14.565	14.560	14.578	VV	141	1091	0.16%	0.003%
266	14.591	14.578	14.601	VV	206	1669	0.24%	0.005%
267	14.605	14.601	14.623	VV	176	1055	0.15%	0.003%
268	14.628	14.623	14.657	VV	179	1355	0.20%	0.004%
269	14.674	14.657	14.700	PV	313	3818	0.56%	0.011%
270	14.721	14.700	14.735	VV	126	1346	0.20%	0.004%
271	14.749	14.735	14.760	VV	157	1224	0.18%	0.003%
272	14.770	14.760	14.779	VV	155	1244	0.18%	0.003%
273	14.806	14.779	14.821	VV	281	4797	0.70%	0.013%
274	14.831	14.821	14.855	VV	386	4349	0.63%	0.012%
275	14.859	14.855	14.865	VV	117	626	0.09%	0.002%
276	14.875	14.865	14.890	PV	109	1057	0.15%	0.003%
277	14.892	14.890	14.923	VV	197	1444	0.21%	0.004%
278	14.929	14.923	14.933	VV	136	504	0.07%	0.001%
279	14.937	14.933	14.955	VV	124	1303	0.19%	0.004%
280	14.957	14.955	14.964	VV	171	551	0.08%	0.002%
281	14.972	14.964	14.989	VV	182	1458	0.21%	0.004%
282	15.011	14.989	15.035	VV	1321	18837	2.75%	0.053%
283	15.052	15.035	15.088	VV	340	4999	0.73%	0.014%
284	15.106	15.088	15.109	VV	156	1099	0.16%	0.003%
285	15.114	15.109	15.129	VV	116	965	0.14%	0.003%
286	15.146	15.129	15.152	PV	145	1227	0.18%	0.003%
287	15.161	15.152	15.169	VV	153	1167	0.17%	0.003%
288	15.211	15.169	15.260	VV	491	14204	2.07%	0.040%
289	15.264	15.260	15.276	VV	180	1281	0.19%	0.004%
290	15.280	15.276	15.288	VV	145	712	0.10%	0.002%
291	15.292	15.288	15.304	VV	129	1126	0.16%	0.003%
292	15.308	15.304	15.316	VV	158	825	0.12%	0.002%
293	15.325	15.316	15.329	VV	111	537	0.08%	0.001%
294	15.344	15.329	15.367	VV	157	2210	0.32%	0.006%
295	15.373	15.367	15.378	VV	145	781	0.11%	0.002%
296	15.383	15.378	15.402	VV	151	1653	0.24%	0.005%
297	15.412	15.402	15.425	VV	164	1230	0.18%	0.003%
298	15.428	15.425	15.439	VV	110	581	0.08%	0.002%
299	15.447	15.439	15.453	PV	139	734	0.11%	0.002%

300	15.456	15.453	15.493	VV	193	2076	0.30%	0.006%
301	15.504	15.493	15.519	PV	160	1101	0.16%	0.003%
302	15.521	15.519	15.524	VV	88	210	0.03%	0.001%
303	15.529	15.524	15.539	PV	115	685	0.10%	0.002%
304	15.545	15.539	15.550	VV	124	488	0.07%	0.001%
305	15.558	15.550	15.567	VV	137	909	0.13%	0.003%
306	15.593	15.567	15.617	VV	308	5773	0.84%	0.016%
307	15.627	15.617	15.670	VV	323	6906	1.01%	0.019%
308	15.682	15.670	15.692	VV	193	1554	0.23%	0.004%
309	15.698	15.692	15.704	VV	110	785	0.11%	0.002%
310	15.735	15.704	15.753	VV	399	5488	0.80%	0.015%
311	15.758	15.753	15.767	VV	198	1072	0.16%	0.003%
312	15.775	15.767	15.781	VV	174	1045	0.15%	0.003%
313	15.784	15.781	15.800	VV	194	1492	0.22%	0.004%
314	15.813	15.800	15.844	VV	255	4090	0.60%	0.011%
315	15.858	15.844	15.884	VV	154	2415	0.35%	0.007%
316	15.889	15.884	15.899	VV	153	723	0.11%	0.002%
317	15.902	15.899	15.925	PV	152	1161	0.17%	0.003%
318	15.932	15.925	15.943	VV	130	1019	0.15%	0.003%
319	15.947	15.943	15.954	VV	166	624	0.09%	0.002%
320	15.970	15.954	15.987	VV	176	2135	0.31%	0.006%
321	16.005	15.987	16.016	VV	174	2157	0.31%	0.006%
322	16.026	16.016	16.041	VV	166	2078	0.30%	0.006%
323	16.047	16.041	16.067	VV	228	1791	0.26%	0.005%
324	16.070	16.067	16.075	VV	154	509	0.07%	0.001%
325	16.079	16.075	16.094	VV	114	1004	0.15%	0.003%
326	16.100	16.094	16.105	VV	149	674	0.10%	0.002%
327	16.108	16.105	16.130	VV	129	1221	0.18%	0.003%
328	16.151	16.130	16.154	VV	164	1289	0.19%	0.004%
329	16.160	16.154	16.175	VV	174	1504	0.22%	0.004%
330	16.194	16.175	16.208	VV	207	2411	0.35%	0.007%
331	16.234	16.208	16.286	VV	438	8658	1.26%	0.024%
332	16.299	16.286	16.304	VV	154	1009	0.15%	0.003%
333	16.308	16.304	16.329	VV	154	976	0.14%	0.003%
334	16.336	16.329	16.341	VV	93	480	0.07%	0.001%
335	16.345	16.341	16.357	VV	119	763	0.11%	0.002%
336	16.374	16.357	16.394	VV	243	2519	0.37%	0.007%
337	16.399	16.394	16.405	VV	183	746	0.11%	0.002%
338	16.423	16.405	16.432	VV	151	1975	0.29%	0.006%
339	16.437	16.432	16.445	VV	165	880	0.13%	0.002%
340	16.454	16.445	16.460	VV	156	818	0.12%	0.002%
341	16.462	16.460	16.477	VV	147	606	0.09%	0.002%
342	16.497	16.477	16.503	VV	108	964	0.14%	0.003%
343	16.505	16.503	16.514	VV	138	443	0.06%	0.001%
344	16.518	16.514	16.530	VV	145	708	0.10%	0.002%
345	16.545	16.530	16.553	VV	120	886	0.13%	0.002%
346	16.558	16.553	16.578	VV	119	1156	0.17%	0.003%
347	16.582	16.578	16.617	PV	145	1851	0.27%	0.005%
348	16.622	16.617	16.646	VV	101	1015	0.15%	0.003%
349	16.662	16.646	16.668	VV	142	819	0.12%	0.002%
350	16.675	16.668	16.689	VV	94	1043	0.15%	0.003%
351	16.720	16.689	16.751	VV	510	8689	1.27%	0.024%

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352	16.760	16.751	16.784	VV	165	2402	0.35%	0.007%	
353	16.802	16.784	16.819	VV	216	2596	0.38%	0.007%	
354	16.823	16.819	16.827	VV	142	427	0.06%	0.001%	
355	16.832	16.827	16.838	VV	109	575	0.08%	0.002%	
356	16.846	16.838	16.854	VV	71	797	0.12%	0.002%	
357	16.860	16.854	16.870	VV	144	697	0.10%	0.002%	
358	16.872	16.870	16.877	VV	110	276	0.04%	0.001%	
359	16.883	16.877	16.888	VV	182	735	0.11%	0.002%	
360	16.900	16.888	16.908	VV	174	1570	0.23%	0.004%	
361	16.911	16.908	16.929	VV	159	1222	0.18%	0.003%	
362	16.939	16.929	16.964	VV	170	2202	0.32%	0.006%	
363	16.966	16.964	16.973	VV	111	489	0.07%	0.001%	
364	16.975	16.973	16.986	VV	102	507	0.07%	0.001%	
365	16.993	16.986	17.018	PV	99	1269	0.19%	0.004%	
366	17.020	17.018	17.043	VV	103	874	0.13%	0.002%	
367	17.046	17.043	17.051	PV	77	252	0.04%	0.001%	
368	17.076	17.051	17.086	VV	232	3008	0.44%	0.008%	
369	17.090	17.086	17.107	VV	212	1517	0.22%	0.004%	
370	17.121	17.107	17.126	VV	154	1229	0.18%	0.003%	
371	17.144	17.126	17.153	VV	183	2218	0.32%	0.006%	
372	17.156	17.153	17.162	VV	150	677	0.10%	0.002%	
373	17.186	17.162	17.225	VV	765	12012	1.75%	0.034%	
374	17.235	17.225	17.250	VV	172	1613	0.24%	0.005%	
375	17.258	17.250	17.277	PV	122	1248	0.18%	0.003%	
376	17.287	17.277	17.300	PBA	57	-118	-0.02%	-0.000%	
			Sum of corrected areas:			35813886			

FF102124.M Fri Nov 01 06:28:57 2024



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ENTA05
 ProjectID: North Point
 Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

Calibration Sequence : FF102124			Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID	
1000	140350994	140351	FF014706.D	
500	71252825	142506	FF014707.D	
200	29731497	148657	FF014708.D	
100	14736133	147361	FF014709.D	
50	7756416	155128	FF014710.D	
AVG RF : 146801		% RSD : 3.93		AVG RT : 14.9988

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599
DataFile: FF014835.D Analyst Name: YP\AJ Analyst Date: 10-30-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	74709019	149418	146801	1.783

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014835.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 10:54
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Nov 01 01:44:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.017	6310121	47.948 ug/ml
Target Compounds			
2) N-DECANE	4.574	7676428	53.736 ug/ml
3) N-DODECANE	6.736	7725620	53.238 ug/ml
4) N-TETRADECANE	8.561	7687535	52.444 ug/ml
5) N-HEXADECANE	10.167	7632597	51.940 ug/ml
6) N-OCTADECANE	11.609	7675082	51.123 ug/ml
7) N-EICOSANE	12.919	7656968	50.474 ug/ml
8) N-DOCOSANE	14.117	7316463	49.721 ug/ml
10) N-TETRACOSANE	15.221	7226487	49.170 ug/ml
11) N-HEXACOSANE	16.241	7077112	48.453 ug/ml
12) N-OCTACOSANE	17.191	7034727	48.686 ug/ml

(f)=RT Delta > 1/2 Window

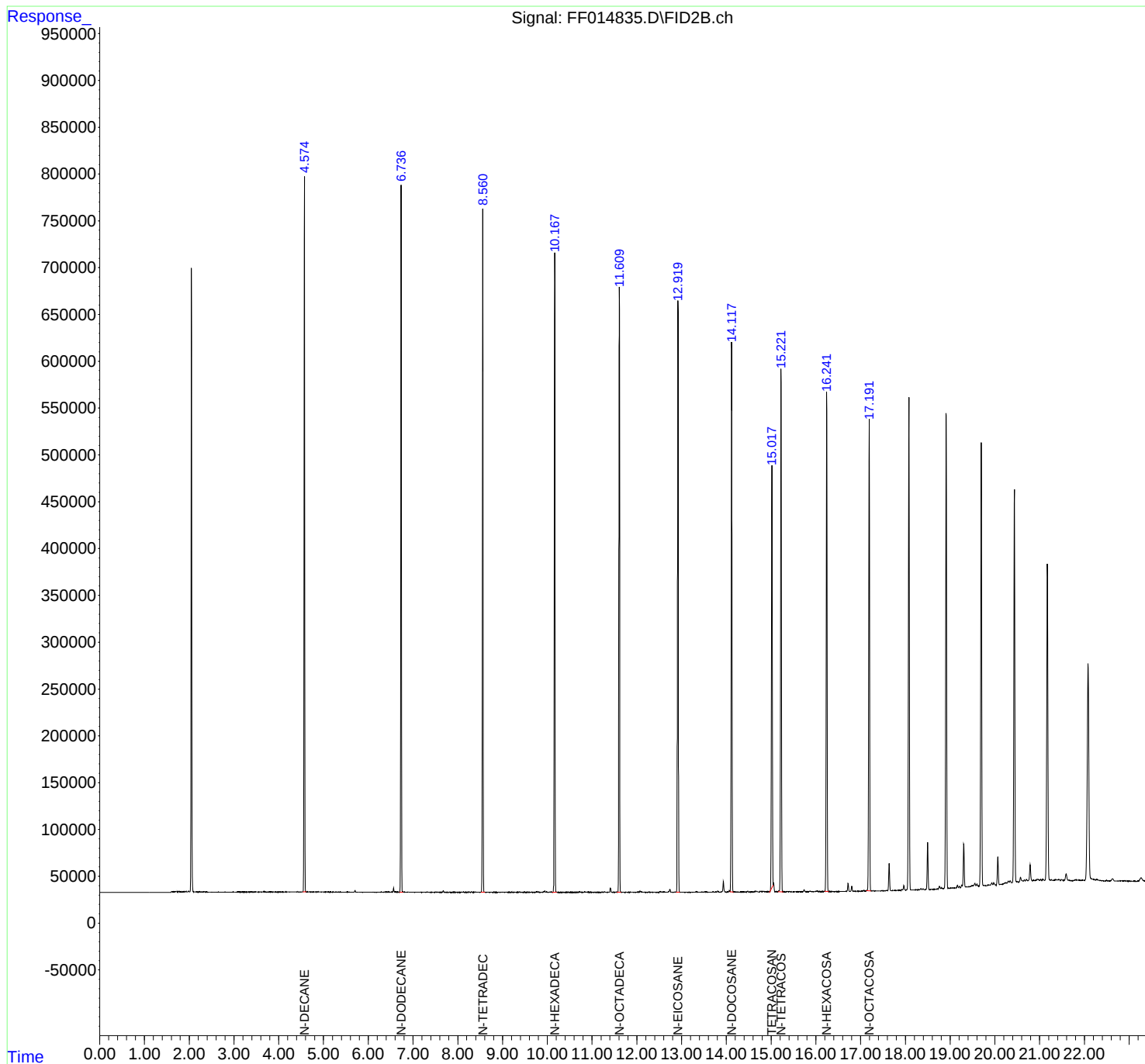
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014835.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 10:54
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Nov 01 01:44:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103024\
Data File : FF014835.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 10:54
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.574	4.539	4.617	BB	763767	7676428	99.36%	9.475%
2	6.736	6.695	6.775	BB	754517	7725620	100.00%	9.536%
3	8.561	8.520	8.605	BB	729004	7687535	99.51%	9.489%
4	10.167	10.117	10.209	BB	684129	7632597	98.80%	9.421%
5	11.609	11.552	11.644	BB	646686	7675082	99.35%	9.473%
6	12.919	12.877	12.964	BB	630775	7656968	99.11%	9.451%
7	14.117	14.082	14.159	BB	587216	7316463	94.70%	9.031%
8	15.017	14.970	15.046	BV	451204	6310121	81.68%	7.788%
9	15.221	15.152	15.272	BB	558006	7226487	93.54%	8.919%
10	16.241	16.197	16.292	BB	532368	7077112	91.61%	8.735%
11	17.191	17.129	17.230	BB	502902	7034727	91.06%	8.683%
Sum of corrected areas:						81019139		

FF102124.M Fri Nov 01 06:04:36 2024

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599
DataFile: FF014846.D Analyst Name: YP\AJ Analyst Date: 10-30-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	77374048	154748	146801	5.413

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014846.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 18:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Nov 01 01:45:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.017	6724601	51.098 ug/ml
Target Compounds			
2) N-DECANE	4.575	7854953	54.986 ug/ml
3) N-DODECANE	6.738	7934095	54.675 ug/ml
4) N-TETRADECANE	8.562	7936668	54.144 ug/ml
5) N-HEXADECANE	10.169	7908504	53.817 ug/ml
6) N-OCTADECANE	11.611	7963273	53.043 ug/ml
7) N-EICOSANE	12.921	7955233	52.440 ug/ml
8) N-DOCOSANE	14.118	7622754	51.803 ug/ml
10) N-TETRACOSANE	15.222	7522060	51.181 ug/ml
11) N-HEXACOSANE	16.243	7373704	50.483 ug/ml
12) N-OCTACOSANE	17.193	7302804	50.542 ug/ml

(f)=RT Delta > 1/2 Window

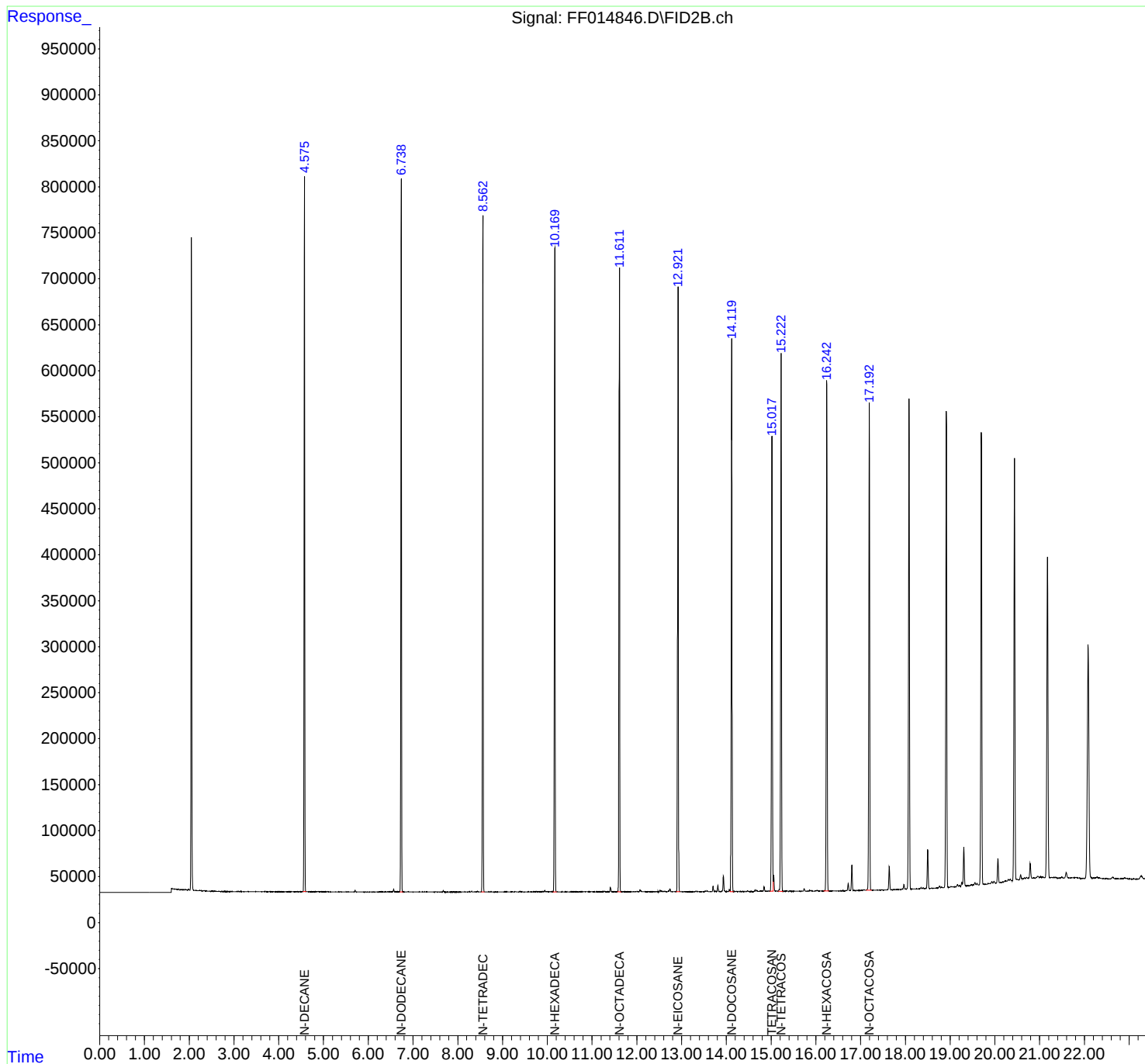
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014846.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 18:34
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Nov 01 01:45:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103024\
Data File : FF014846.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 18:34
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.575	4.539	4.617	BB	777903	7854953	98.64%	9.340%
2	6.738	6.702	6.779	BB	776440	7934095	99.63%	9.434%
3	8.562	8.524	8.599	BB	735349	7936668	99.67%	9.437%
4	10.169	10.120	10.209	BB	700684	7908504	99.31%	9.404%
5	11.611	11.562	11.654	BB	677529	7963273	100.00%	9.469%
6	12.921	12.879	12.965	BB	657398	7955233	99.90%	9.459%
7	14.118	14.081	14.165	VB	601661	7622754	95.72%	9.064%
8	15.017	14.972	15.046	BV	494609	6724601	84.45%	7.996%
9	15.222	15.150	15.269	BB	585190	7522060	94.46%	8.944%
10	16.243	16.179	16.295	BB	555539	7373704	92.60%	8.768%
11	17.193	17.122	17.247	BB	528190	7302804	91.71%	8.684%
Sum of corrected areas:							84098649	

FF102124.M Fri Nov 01 06:05:33 2024

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599
DataFile: FF014858.D Analyst Name: YP\AJ Analyst Date: 10-31-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	77842521	155685	146801	6.052

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014858.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2024 01:39
 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: Nov 01 01:47:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.018	6555935	49.816 ug/ml
Target Compounds			
2) N-DECANE	4.575	7976000	55.833 ug/ml
3) N-DODECANE	6.737	8048419	55.462 ug/ml
4) N-TETRADECANE	8.562	8020658	54.717 ug/ml
5) N-HEXADECANE	10.168	7969235	54.230 ug/ml
6) N-OCTADECANE	11.611	8011102	53.362 ug/ml
7) N-EICOSANE	12.921	7984104	52.630 ug/ml
8) N-DOCOSANE	14.118	7631760	51.864 ug/ml
10) N-TETRACOSANE	15.222	7519548	51.164 ug/ml
11) N-HEXACOSANE	16.242	7358963	50.382 ug/ml
12) N-OCTACOSANE	17.192	7322732	50.680 ug/ml

(f)=RT Delta > 1/2 Window

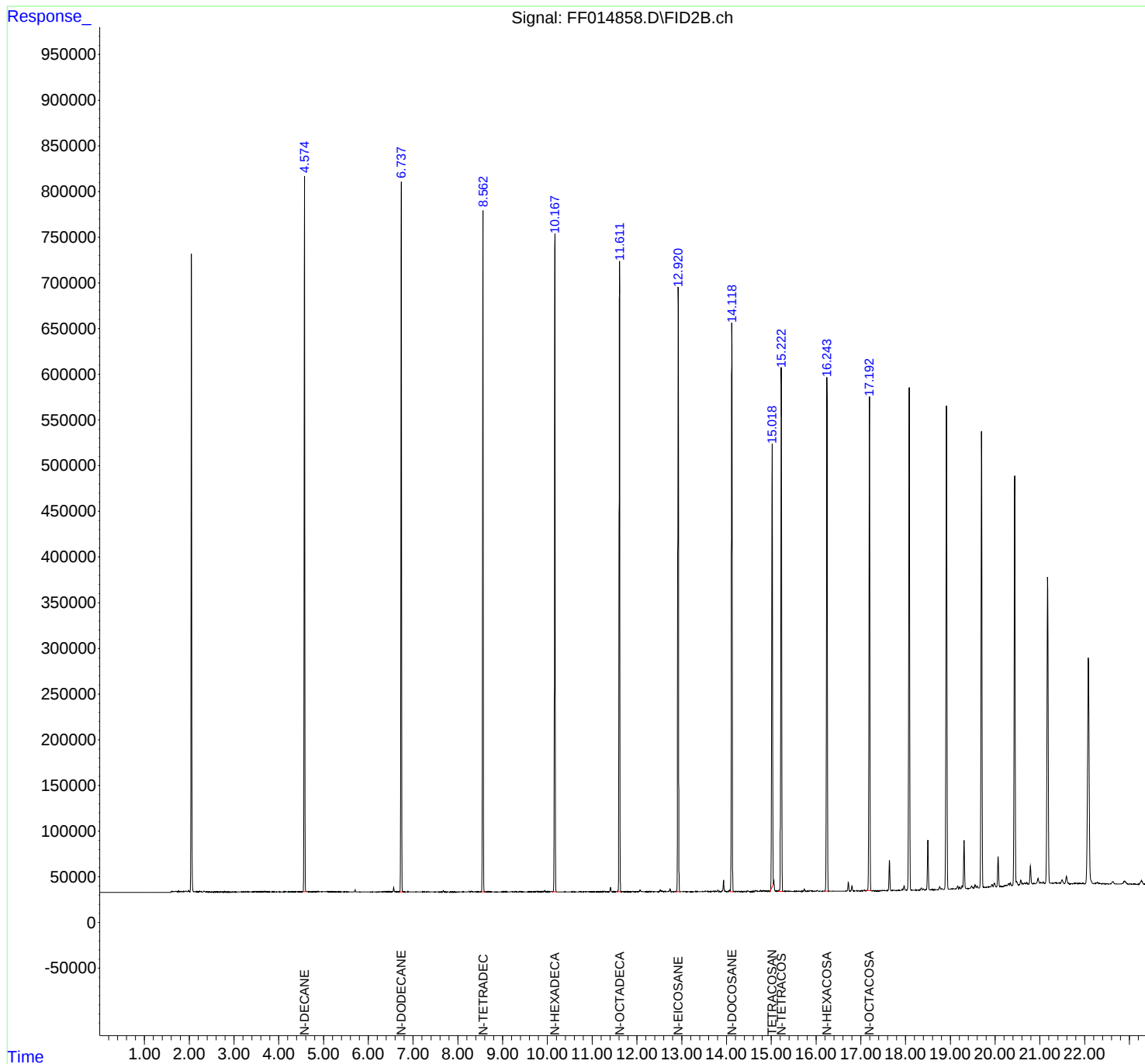
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014858.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 01:39
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: Nov 01 01:47:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103024\
Data File : FF014858.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 01:39
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.575	4.536	4.617	BB	785612	7976000	99.10%	9.450%
2	6.737	6.699	6.779	BB	777602	8048419	100.00%	9.536%
3	8.562	8.522	8.601	BB	746674	8020658	99.66%	9.503%
4	10.168	10.116	10.207	BB	720082	7969235	99.02%	9.442%
5	11.611	11.554	11.646	BB	686756	8011102	99.54%	9.492%
6	12.921	12.877	12.964	BB	660899	7984104	99.20%	9.460%
7	14.118	14.081	14.161	VB	622820	7631760	94.82%	9.043%
8	15.018	14.972	15.048	BV	486060	6555935	81.46%	7.768%
9	15.222	15.149	15.272	BB	573540	7519548	93.43%	8.910%
10	16.242	16.187	16.281	BB	562085	7358963	91.43%	8.719%
11	17.192	17.127	17.239	BB	541183	7322732	90.98%	8.676%
Sum of corrected areas:						84398456		

FF102124.M Fri Nov 01 06:07:14 2024

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599
DataFile: FF014861.D Analyst Name: YP\AJ Analyst Date: 10-31-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	78838190	157676	146801	7.408

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
 Data File : FF014861.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2024 06:50
 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: Nov 01 06:31:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.017	6632931	50.401 ug/ml
Target Compounds			
2) N-DECANE	4.574	8076434	56.536 ug/ml
3) N-DODECANE	6.737	8145074	56.129 ug/ml
4) N-TETRADECANE	8.561	8119564	55.391 ug/ml
5) N-HEXADECANE	10.167	8069682	54.914 ug/ml
6) N-OCTADECANE	11.610	8110924	54.027 ug/ml
7) N-EICOSANE	12.920	8084092	53.289 ug/ml
8) N-DOCOSANE	14.118	7730605	52.536 ug/ml
10) N-TETRACOSANE	15.221	7614411	51.810 ug/ml
11) N-HEXACOSANE	16.242	7452543	51.023 ug/ml
12) N-OCTACOSANE	17.192	7434861	51.456 ug/ml

(f)=RT Delta > 1/2 Window

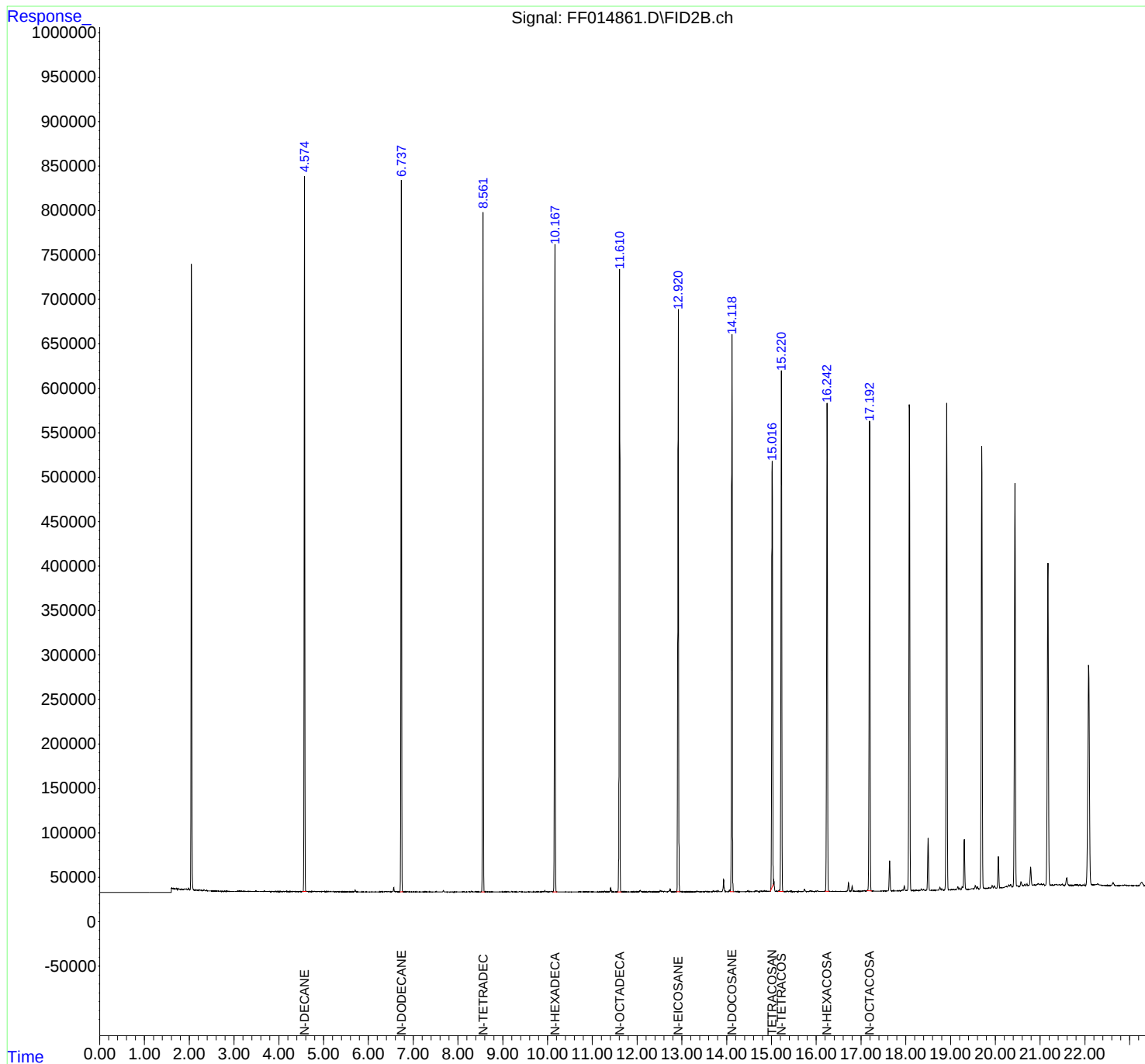
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014861.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 06:50
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: Nov 01 06:31:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103124\
Data File : FF014861.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 06:50
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.574	4.527	4.617	BB	804272	8076434	99.16%	9.449%
2	6.737	6.700	6.780	BB	800618	8145074	100.00%	9.530%
3	8.561	8.522	8.600	BB	762577	8119564	99.69%	9.500%
4	10.167	10.117	10.214	BB	729239	8069682	99.07%	9.441%
5	11.610	11.559	11.655	BB	700779	8110924	99.58%	9.490%
6	12.920	12.879	12.962	BB	655913	8084092	99.25%	9.458%
7	14.118	14.080	14.160	VB	629759	7730605	94.91%	9.045%
8	15.017	14.972	15.046	BV	479075	6632931	81.43%	7.760%
9	15.221	15.149	15.272	BB	586052	7614411	93.48%	8.909%
10	16.242	16.199	16.285	BB	549828	7452543	91.50%	8.719%
11	17.192	17.130	17.245	BB	528225	7434861	91.28%	8.699%
Sum of corrected areas:						85471120		

FF102124.M Fri Nov 01 06:43:10 2024

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599
DataFile: FF014867.D Analyst Name: YP\AJ Analyst Date: 10-31-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	72449052	144898	146801	1.296

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
 Data File : FF014867.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2024 10:55
 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: Nov 01 06:31:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.016	6102805	46.373 ug/ml
Target Compounds			
2) N-DECANE	4.574	7367655	51.575 ug/ml
3) N-DODECANE	6.736	7456371	51.383 ug/ml
4) N-TETRADECANE	8.561	7452844	50.843 ug/ml
5) N-HEXADECANE	10.167	7429634	50.558 ug/ml
6) N-OCTADECANE	11.609	7476868	49.803 ug/ml
7) N-EICOSANE	12.919	7457064	49.156 ug/ml
8) N-DOCOSANE	14.118	7125810	48.425 ug/ml
10) N-TETRACOSANE	15.221	7010033	47.697 ug/ml
11) N-HEXACOSANE	16.242	6852407	46.914 ug/ml
12) N-OCTACOSANE	17.191	6820366	47.203 ug/ml

(f)=RT Delta > 1/2 Window

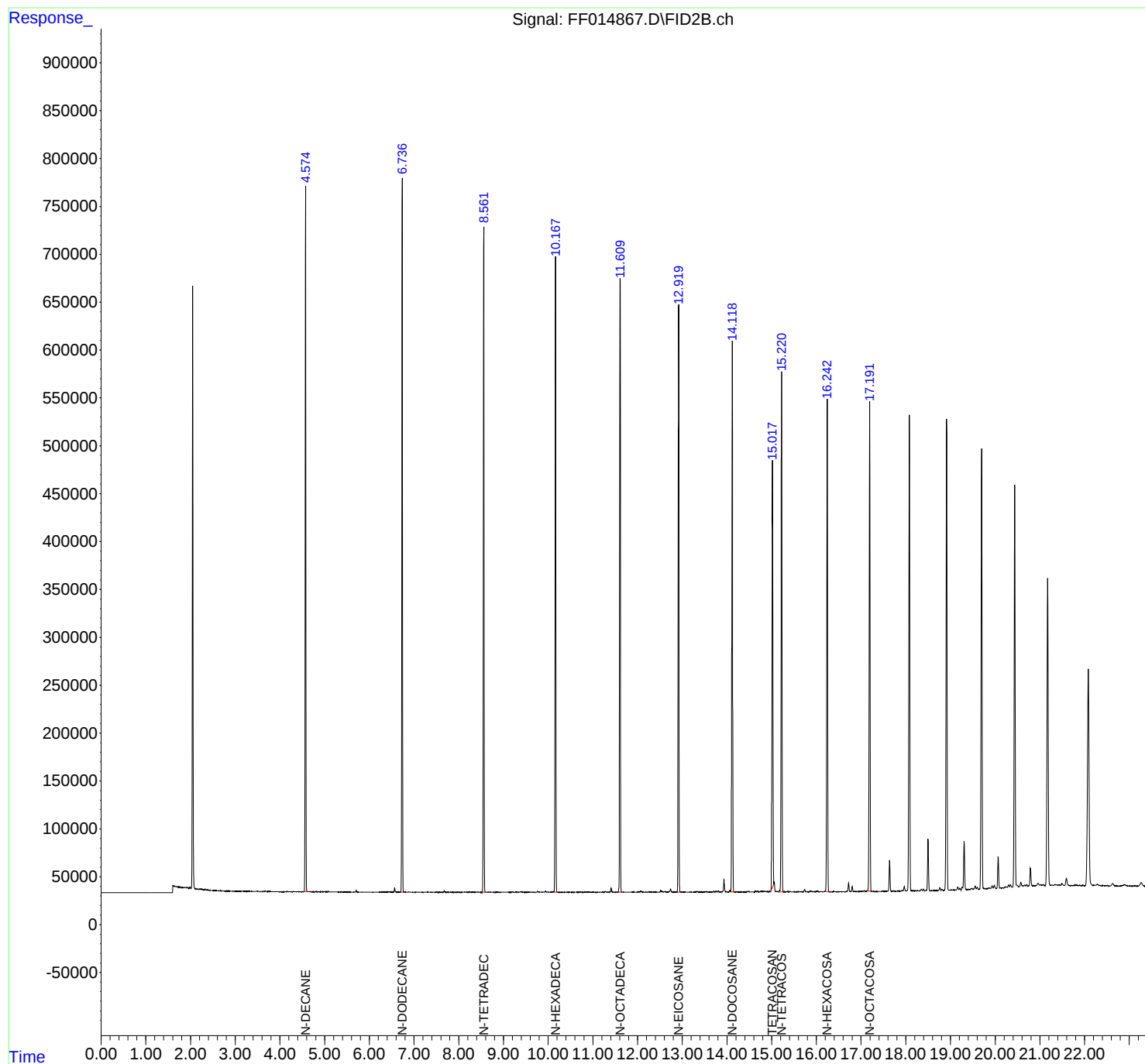
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014867.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 10:55
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: Nov 01 06:31:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103124\
Data File : FF014867.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 10:55
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.574	4.534	4.615	BB	735570	7367655	98.54%	9.379%
2	6.736	6.700	6.777	BB	744816	7456371	99.73%	9.492%
3	8.561	8.525	8.602	BB	694080	7452844	99.68%	9.488%
4	10.167	10.119	10.215	BB	662697	7429634	99.37%	9.458%
5	11.609	11.562	11.647	BB	639253	7476868	100.00%	9.518%
6	12.919	12.877	12.969	BB	611970	7457064	99.74%	9.493%
7	14.118	14.080	14.167	VB	578860	7125810	95.30%	9.071%
8	15.016	14.972	15.046	BV	447721	6102805	81.62%	7.769%
9	15.221	15.152	15.272	BB	542856	7010033	93.76%	8.924%
10	16.242	16.185	16.285	BB	514643	6852407	91.65%	8.723%
11	17.191	17.130	17.242	BB	508358	6820366	91.22%	8.683%
Sum of corrected areas:						78551856		

FF102124.M Fri Nov 01 06:44:11 2024

Analytical Sequence

Client: ENTACT

SDG No.: P4599

Project: North Point

Instrument ID: FID_F

GC Column: RXI-1MS

ID: 0.18 (mm)

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 14.9988					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	30 Oct 2024 17:37	FF014845.D	15.015	
50 PPM TRPH STD	50 PPM TRPH STD	30 Oct 2024 18:34	FF014846.D	15.017	
PB164527BL	PB164527BL	30 Oct 2024 19:59	FF014847.D	15.014	
PB164527BS	PB164527BS	30 Oct 2024 20:27	FF014848.D	15.014	
EX-1-TPH-7	P4599-07	30 Oct 2024 20:56	FF014849.D	15.014	
EX-1-TPH-7MS	P4599-07MS	30 Oct 2024 21:24	FF014850.D	14.960	
EX-1-TPH-7MSD	P4599-07MSD	30 Oct 2024 21:52	FF014851.D	15.014	
EX-1-TPH-1	P4599-01	30 Oct 2024 22:21	FF014852.D	14.960	
EX-1-TPH-2	P4599-02	30 Oct 2024 22:49	FF014853.D	15.012	
EX-1-TPH-3	P4599-03	30 Oct 2024 23:17	FF014854.D	15.011	
EX-1-TPH-4	P4599-04	30 Oct 2024 23:46	FF014855.D	15.012	
EX-1-TPH-5	P4599-05	31 Oct 2024 00:14	FF014856.D	14.961	
PIBLK02	LBLK02	31 Oct 2024 00:42	FF014857.D	15.014	
50 PPM TRPH STD	50 PPM TRPH STD	31 Oct 2024 01:39	FF014858.D	15.018	
PIBLK03	LBLK03	31 Oct 2024 06:21	FF014860.D	15.013	
50 PPM TRPH STD	50 PPM TRPH STD	31 Oct 2024 06:50	FF014861.D	15.017	
EX-1-TPH-6	P4599-06	31 Oct 2024 08:24	FF014863.D	15.011	
EX-1-TPH-8	P4599-08	31 Oct 2024 09:30	FF014864.D	15.012	
EX-1-TPH-9	P4599-09	31 Oct 2024 09:58	FF014865.D	14.972	
PIBLK04	LBLK04	31 Oct 2024 10:26	FF014866.D	15.014	
50 PPM TRPH STD	50 PPM TRPH STD	31 Oct 2024 10:55	FF014867.D	15.016	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB164527BL		SDG No.:	P4599	
Lab Sample ID:	PB164527BL		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
FF014847.D	1	10/30/24 08:00	10/30/24 19:59	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	185	U	185	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	14.8		37 - 130	74%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014847.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 19:59
Operator : YP\AJ
Sample : PB164527BL
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB164527BL

Integration File: autoint1.e
Quant Time: Nov 01 01:45:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.014	1949312	14.812 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

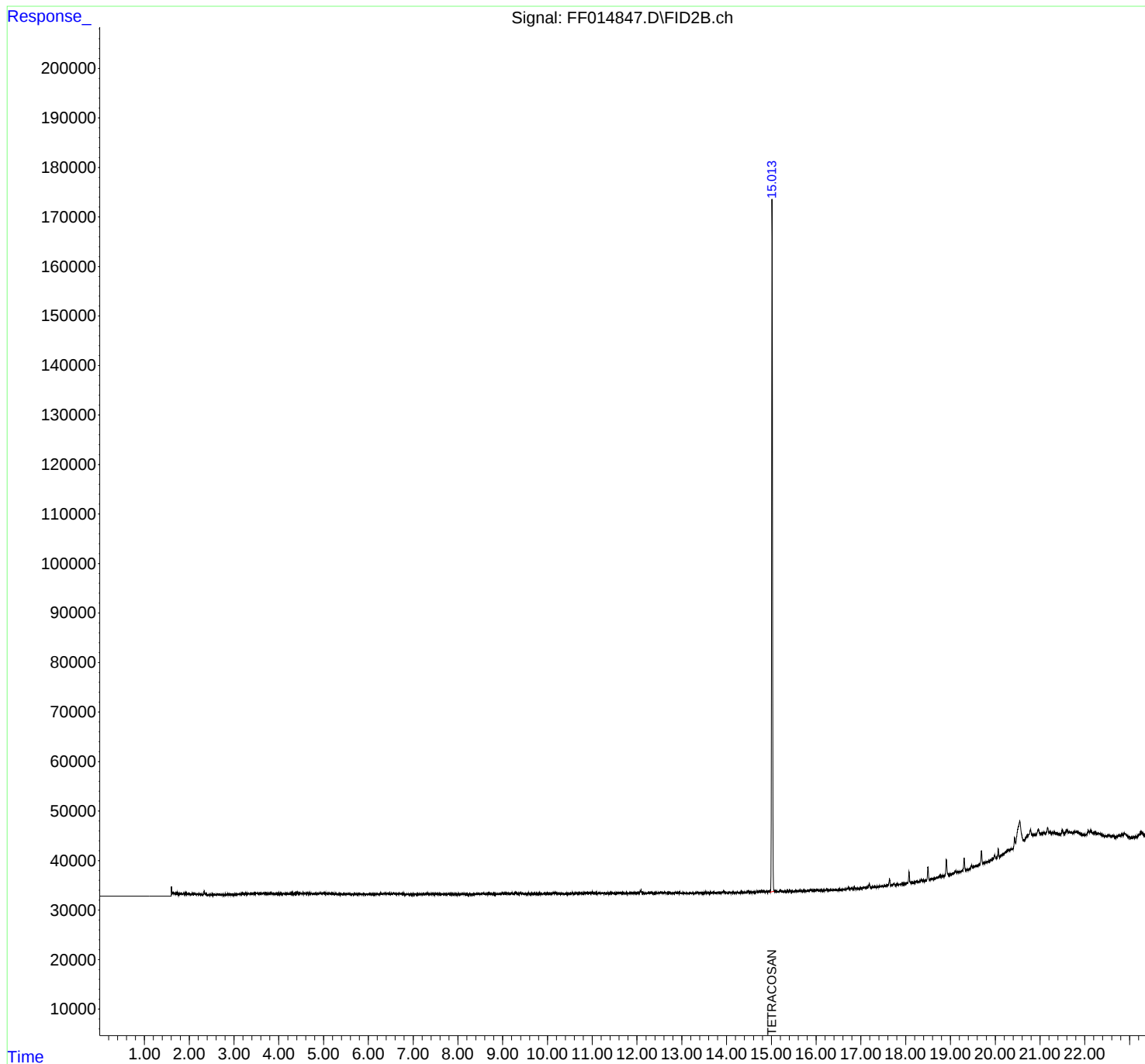
(m)=manual int.

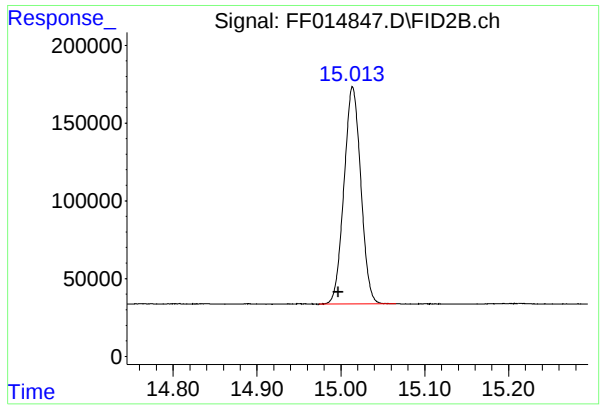
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014847.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 19:59
Operator : YP\AJ
Sample : PB164527BL
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB164527BL

Integration File: autoint1.e
Quant Time: Nov 01 01:45:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: 0.017 min
Response: 1949312
Conc: 14.81 ug/ml

Instrument :
FID_F
ClientSampleId :
PB164527BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014847.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 19:59
Sample : PB164527BL
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.014	14.974	15.066	BB	139746	1949312	100.00%	100.000%
Sum of corrected areas:						1949312		

FF102124.M Fri Nov 01 06:05:48 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/30/24
Project:	North Point	Date Received:	10/30/24
Client Sample ID:	PIBLK-FF014845.D	SDG No.:	P4599
Lab Sample ID:	I.BLK-FF014845.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014845.D	1		10/30/24	FF103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.6		29 - 130	83%	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\FF103024\
Data File : FF014845.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 17:37
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: Nov 01 01:45:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.015	2191554	16.653 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

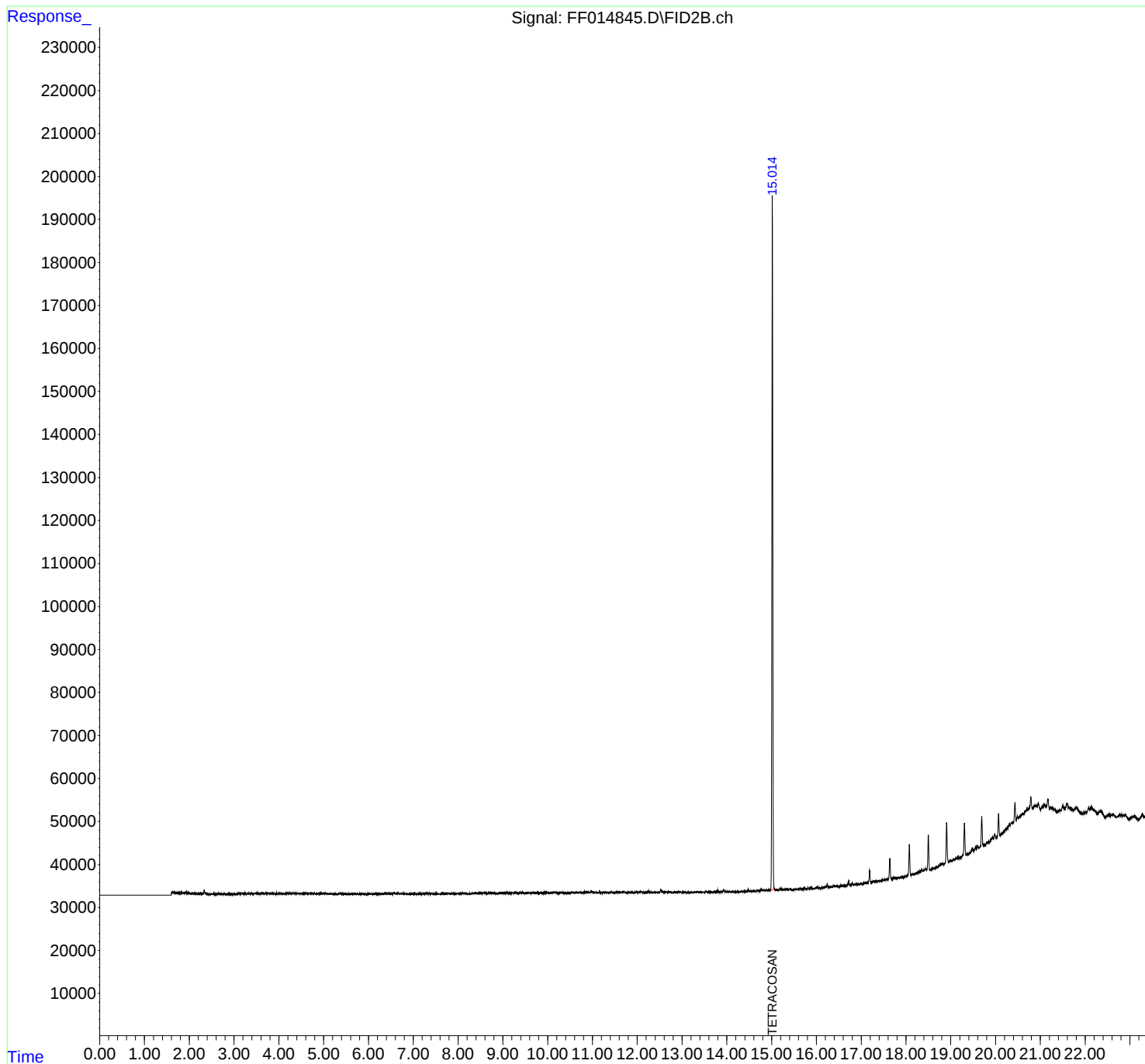
(m)=manual int.

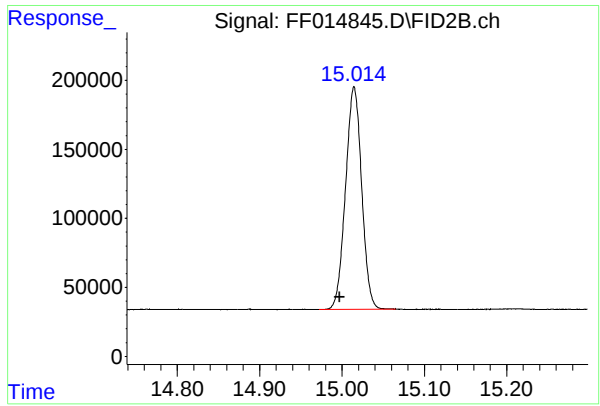
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014845.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 17:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Nov 01 01:45:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.015 min

Delta R.T.: 0.018 min

Response: 2191554

Conc: 16.65 ug/ml

Instrument :

FID_F

ClientSampleId :

I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014845.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 17:37
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.015	14.972	15.065	BB	161331	2191554	100.00%	100.000%
Sum of corrected areas:						2191554		

FF102124.M Fri Nov 01 06:05:06 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/31/24
Project:	North Point	Date Received:	10/31/24
Client Sample ID:	PIBLK-FF014857.D	SDG No.:	P4599
Lab Sample ID:	I.BLK-FF014857.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014857.D	1		10/31/24	FF103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.7		29 - 130	83%	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\FF103024\
Data File : FF014857.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:42
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: Nov 01 01:47:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.014	2195725	16.685 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

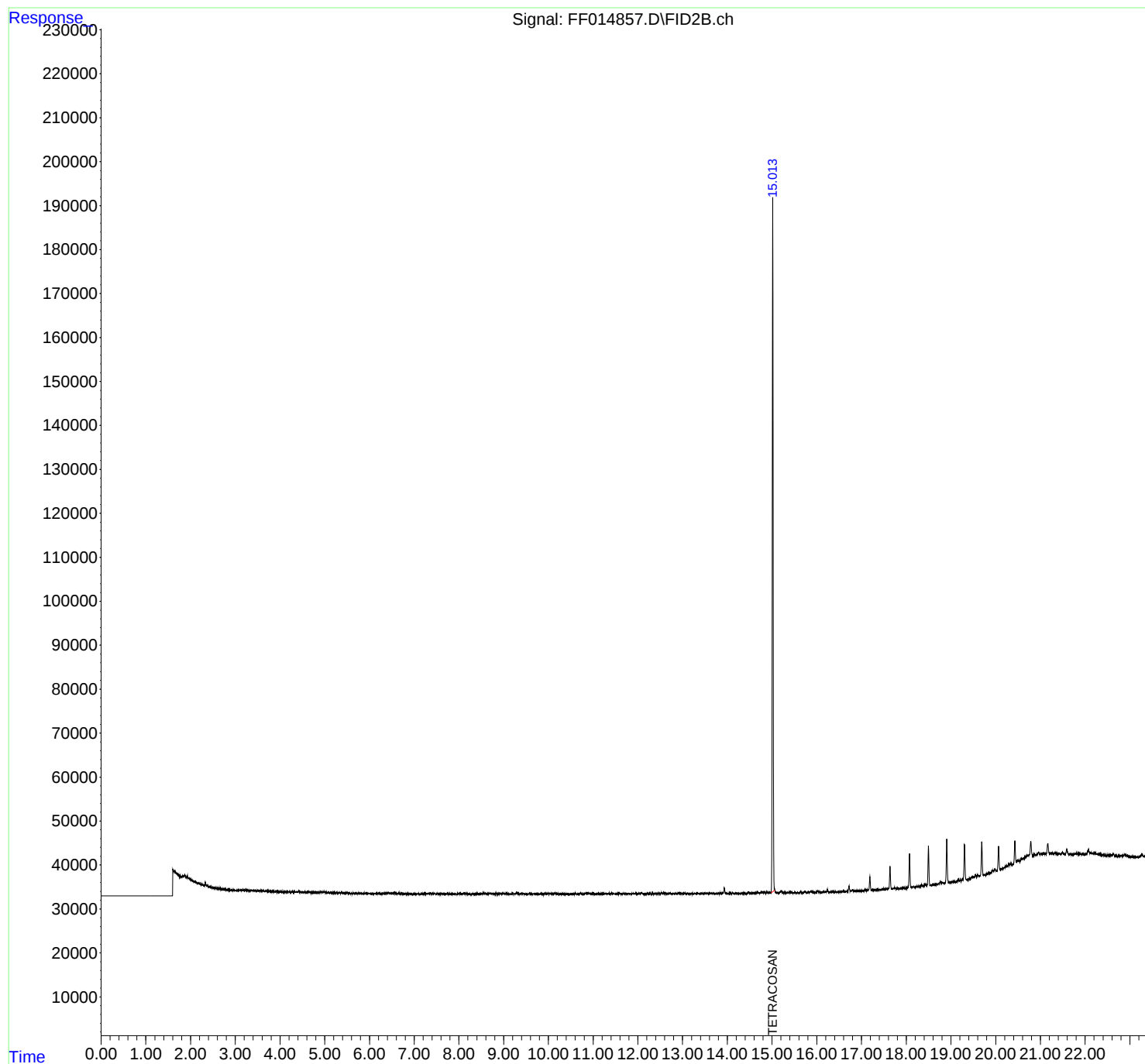
(m)=manual int.

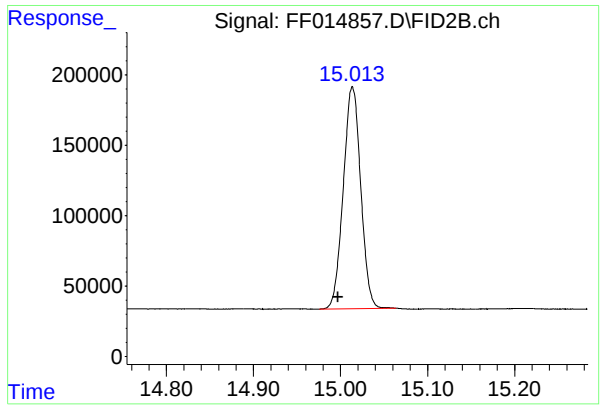
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014857.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Nov 01 01:47:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: 0.017 min
Response: 2195725
Conc: 16.68 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014857.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 00:42
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.014	14.975	15.064	BB	157760	2195725	100.00%	100.000%
Sum of corrected areas:						2195725		

FF102124.M Fri Nov 01 06:06:57 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/31/24
Project:	North Point	Date Received:	10/31/24
Client Sample ID:	PIBLK-FF014860.D	SDG No.:	P4599
Lab Sample ID:	I.BLK-FF014860.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014860.D	1		10/31/24	FF103124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	17.0		29 - 130	85%	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\FF103124\
Data File : FF014860.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 06:21
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: Nov 01 06:30:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.013	2236953	16.998 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

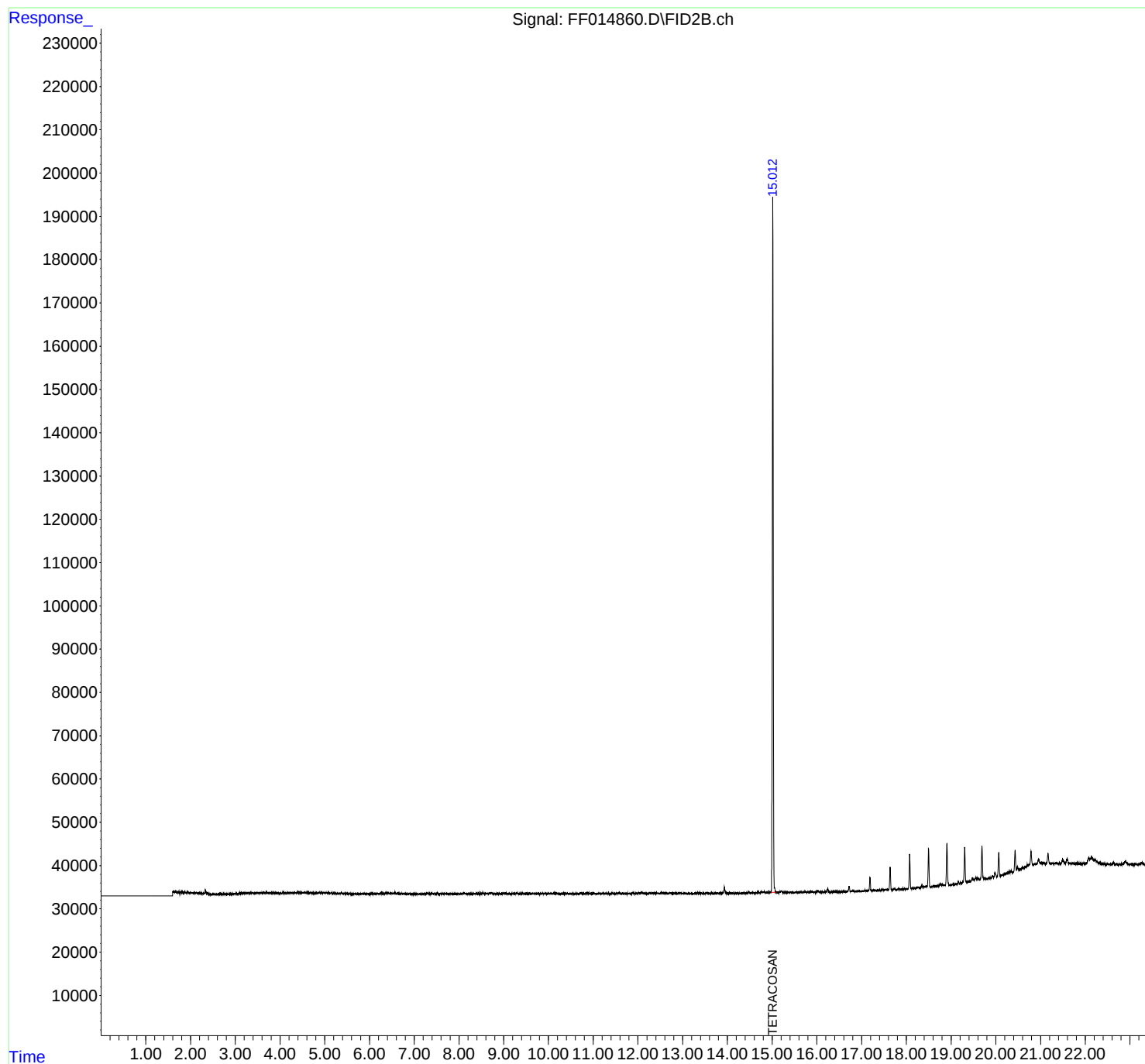
(m)=manual int.

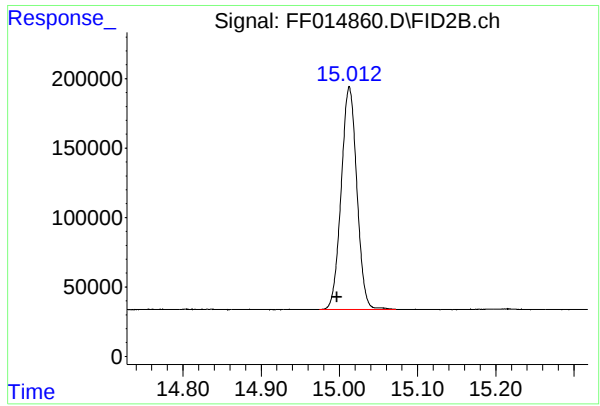
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014860.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 06:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Nov 01 06:30:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min

Delta R.T.: 0.016 min

Response: 2236953

Conc: 17.00 ug/ml

Instrument :

FID_F

ClientSampleId :

I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014860.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 06:21
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.013	14.974	15.072	BB	160453	2236953	100.00%	100.000%
Sum of corrected areas:						2236953		

FF102124.M Fri Nov 01 06:42:54 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/31/24
Project:	North Point	Date Received:	10/31/24
Client Sample ID:	PIBLK-FF014866.D	SDG No.:	P4599
Lab Sample ID:	I.BLK-FF014866.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014866.D	1		10/31/24	FF103124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.8		29 - 130	84%	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\FF103124\
Data File : FF014866.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 10:26
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: Nov 01 06:31:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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...	15.014	2213813	16.822 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

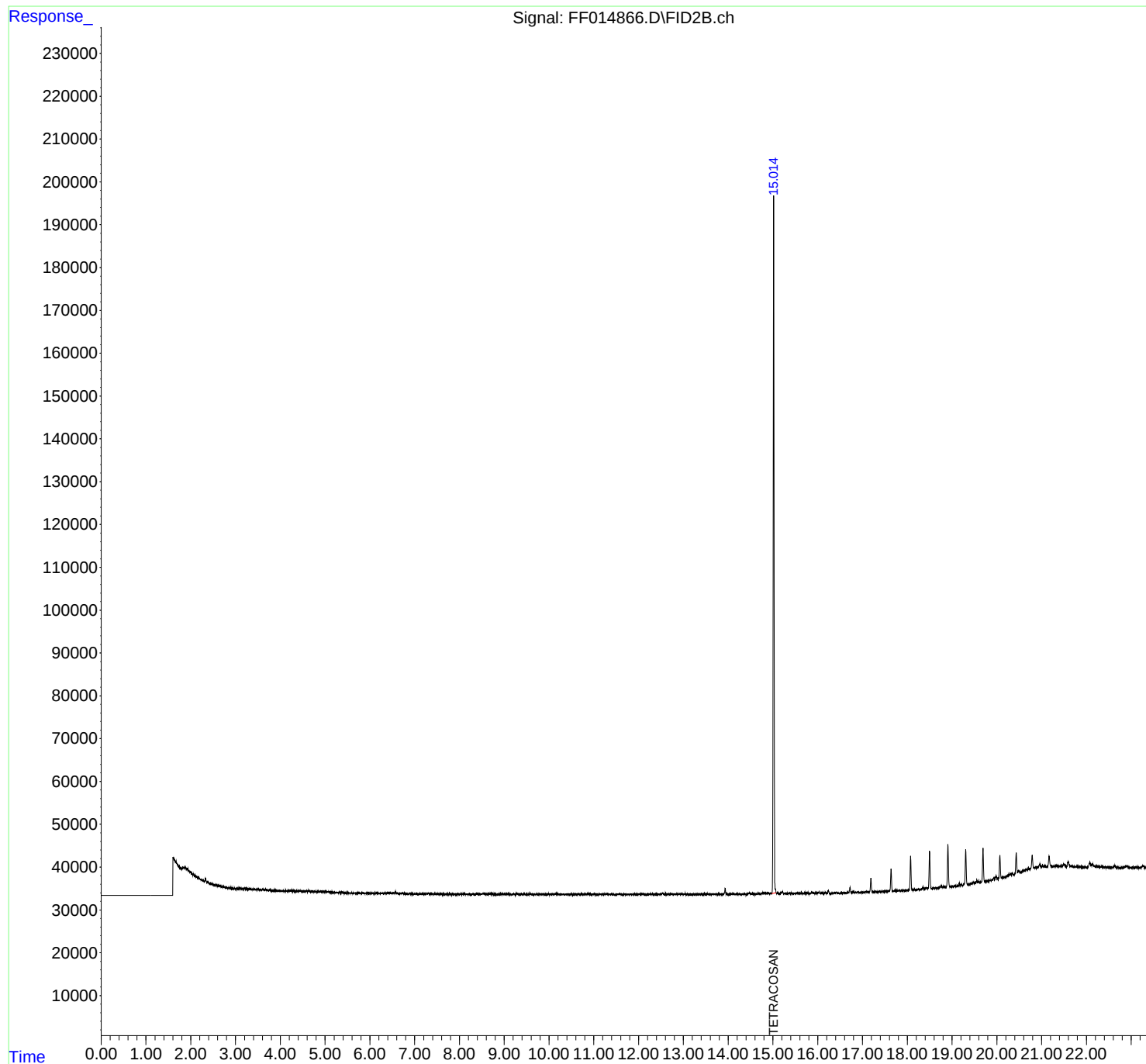
(m)=manual int.

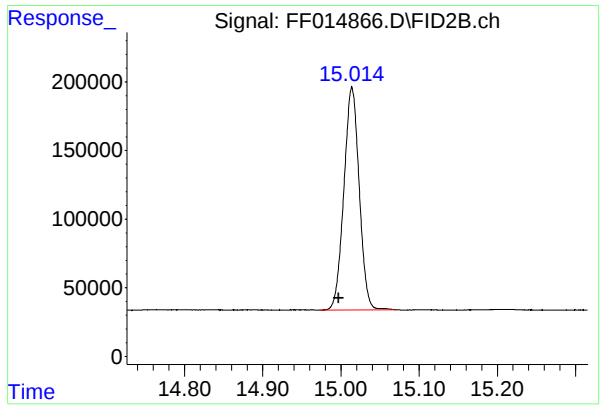
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014866.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 10:26
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Nov 01 06:31:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: 0.017 min
Response: 2213813
Conc: 16.82 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103124\
Data File : FF014866.D
Signal(s) : FID2B.ch
Acq On : 31 Oct 2024 10:26
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.014	14.972	15.070	BB	162130	2213813	100.00%	100.000%
Sum of corrected areas:						2213813		

FF102124.M Fri Nov 01 06:43:57 2024

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB164527BS		SDG No.:	P4599	
Lab Sample ID:	PB164527BS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014848.D	1	10/30/24 08:00	10/30/24 20:27	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	6270		185	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	14.7		37 - 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_F\Data\FF103024\
 Data File : FF014848.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 20:27
 Operator : YP\AJ
 Sample : PB164527BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB164527BS

Integration File: autoint1.e
 Quant Time: Nov 01 01:46:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.014	1928982	14.658 ug/ml
Target Compounds			
2) N-DECANE	4.573	2699657	18.898 ug/ml
3) N-DODECANE	6.735	2818891	19.425 ug/ml
4) N-TETRADECANE	8.559	2745070	18.727 ug/ml
5) N-HEXADECANE	10.165	2801574	19.065 ug/ml
6) N-OCTADECANE	11.607	2886720	19.228 ug/ml
7) N-EICOSANE	12.916	2831539	18.665 ug/ml
8) N-DOCOSANE	14.115	2786373	18.936 ug/ml
10) N-TETRACOSANE	15.218	2757235	18.761 ug/ml
11) N-HEXACOSANE	16.239	2678476	18.338 ug/ml
12) N-OCTACOSANE	17.189	2603658	18.020 ug/ml

(f)=RT Delta > 1/2 Window

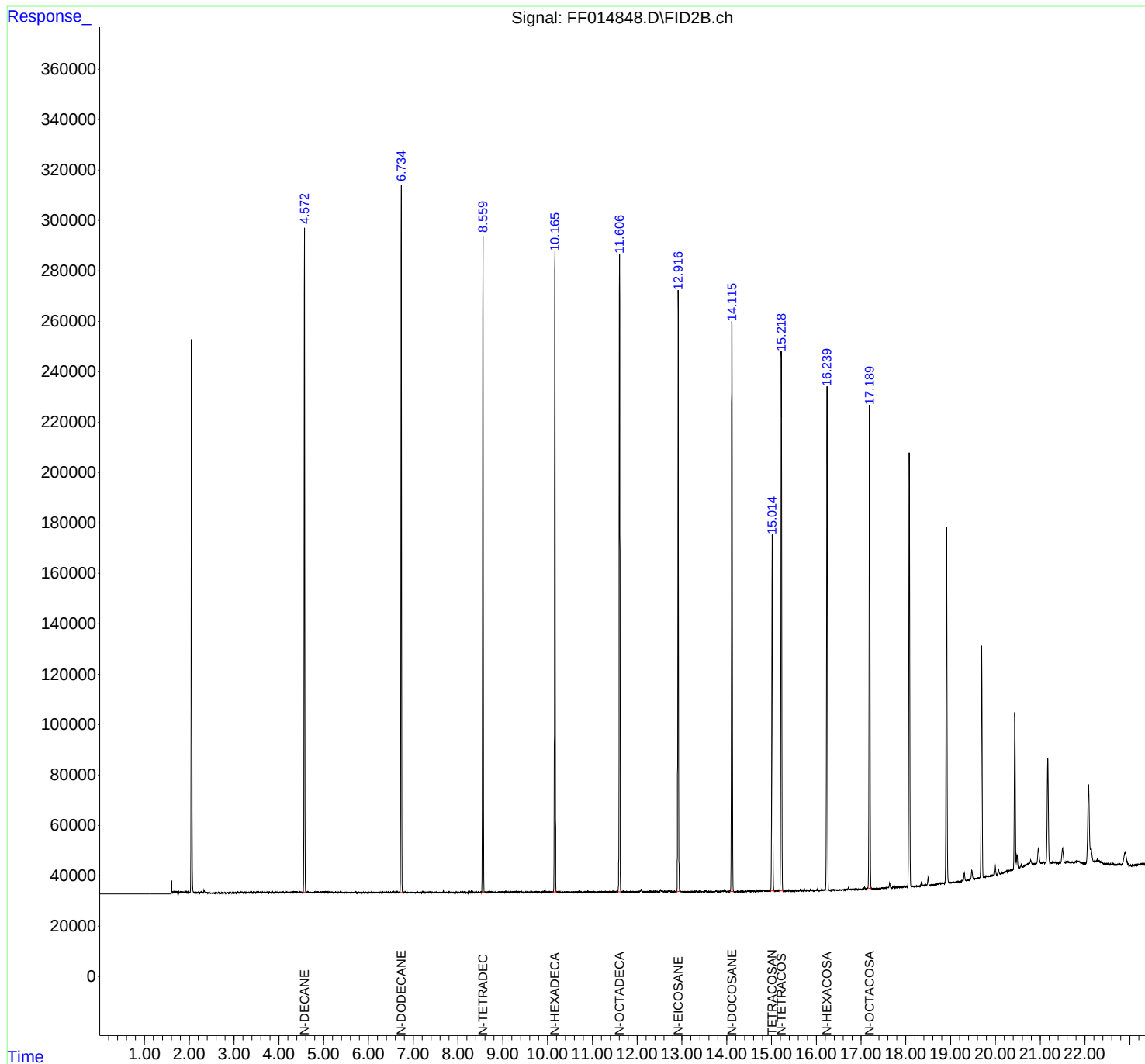
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014848.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 20:27
Operator : YP\AJ
Sample : PB164527BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB164527BS

Integration File: autoint1.e
Quant Time: Nov 01 01:46:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103024\
Data File : FF014848.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 20:27
Sample : PB164527BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.573	4.537	4.609	BB	263364	2699657	93.52%	9.140%
2	6.735	6.701	6.776	BB	280230	2818891	97.65%	9.543%
3	8.559	8.527	8.597	BB	260127	2745070	95.09%	9.293%
4	10.165	10.117	10.207	BB	254178	2801574	97.05%	9.485%
5	11.607	11.569	11.646	BB	252245	2886720	100.00%	9.773%
6	12.916	12.872	12.952	BB	238146	2831539	98.09%	9.586%
7	14.115	14.076	14.162	BB	226613	2786373	96.52%	9.433%
8	15.014	14.976	15.067	BB	141156	1928982	66.82%	6.530%
9	15.218	15.171	15.257	BB	214435	2757235	95.51%	9.334%
10	16.239	16.201	16.281	BB	199800	2678476	92.79%	9.068%
11	17.189	17.147	17.241	BB	191722	2603658	90.19%	8.815%
Sum of corrected areas:						29538174		

FF102124.M Fri Nov 01 06:06:08 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7MS	SDG No.:	P4599
Lab Sample ID:	P4599-07MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	82.7
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014850.D	1	10/30/24 08:00	10/30/24 21:24	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	12000		223	2020	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	11.2		37 - 130	56%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
 Data File : FF014850.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 21:24
 Operator : YP\AJ
 Sample : P4599-07MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EX-1-TPH-7MS

Integration File: autoint1.e
 Quant Time: Nov 01 01:46:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.013	1479233	11.240 ug/ml
Target Compounds			
2) N-DECANE	4.573	2507995	17.556 ug/ml
3) N-DODECANE	6.734	2689706	18.535 ug/ml
4) N-TETRADECANE	8.559	2708990	18.481 ug/ml
5) N-HEXADECANE	10.165	2852023	19.408 ug/ml
6) N-OCTADECANE	11.607	2910069	19.384 ug/ml
7) N-EICOSANE	12.917	2799226	18.452 ug/ml
8) N-DOCOSANE	14.115	2741879	18.633 ug/ml
10) N-TETRACOSANE	15.219	2772813	18.867 ug/ml
11) N-HEXACOSANE	16.239	2722292	18.638 ug/ml
12) N-OCTACOSANE	17.189	2639564	18.268 ug/ml

(f)=RT Delta > 1/2 Window

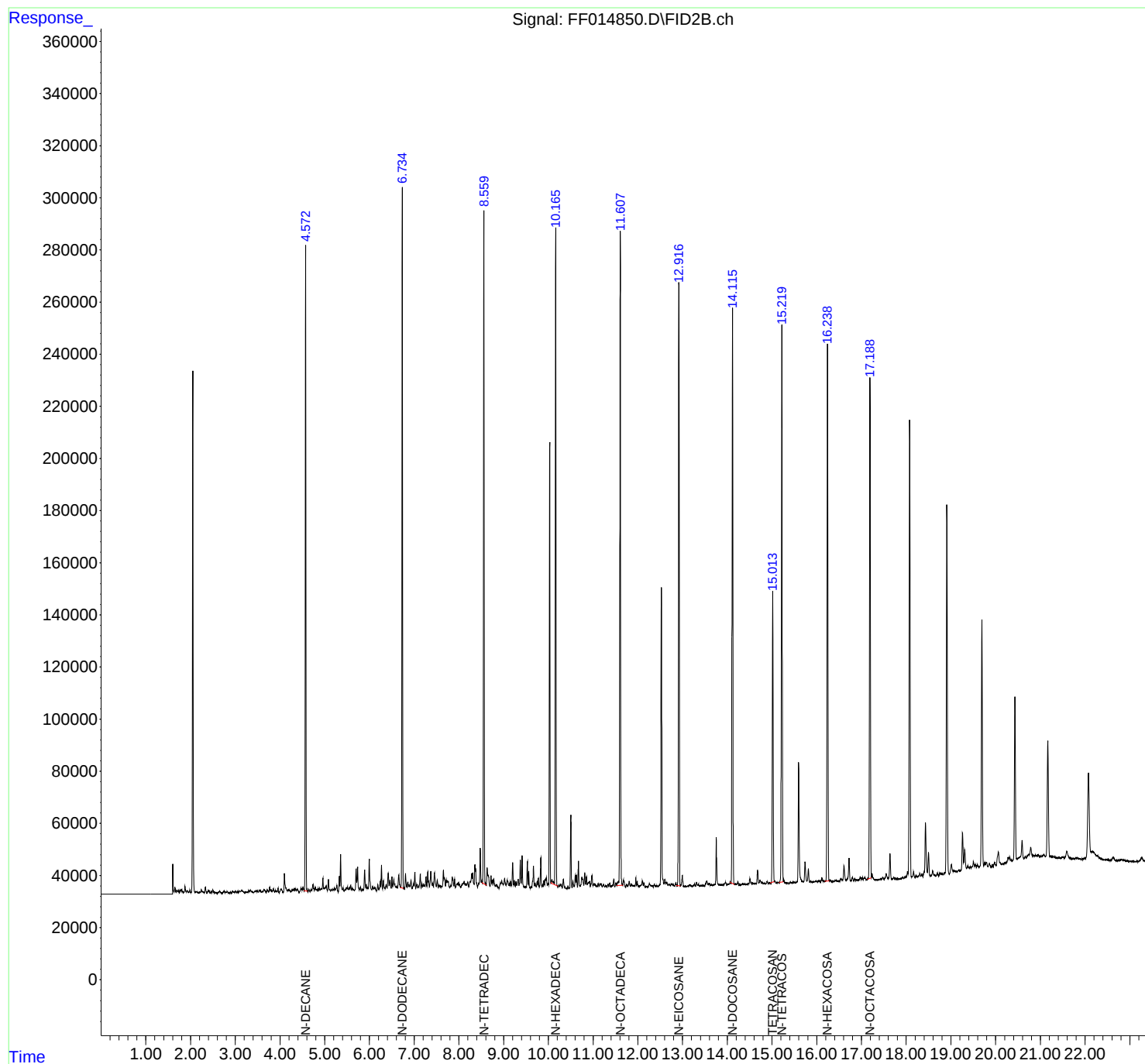
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014850.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 21:24
Operator : YP\AJ
Sample : P4599-07MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7MS

Integration File: autoint1.e
Quant Time: Nov 01 01:46:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
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\FF103024\
Data File : FF014850.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 21:24
Sample : P4599-07MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.468	4.434	4.481	PV	1545	23406	0.80%	0.052%
2	4.486	4.481	4.497	VV	1207	10309	0.35%	0.023%
3	4.513	4.497	4.541	VV	1979	33631	1.15%	0.075%
4	4.573	4.541	4.601	VV	248104	2519466	86.06%	5.591%
5	4.606	4.601	4.626	VV	1069	9583	0.33%	0.021%
6	4.646	4.626	4.670	VV	1029	17014	0.58%	0.038%
7	4.692	4.670	4.712	VV	870	15621	0.53%	0.035%
8	4.738	4.712	4.768	VV	2972	54834	1.87%	0.122%
9	4.787	4.768	4.816	VV	1760	35812	1.22%	0.079%
10	4.827	4.816	4.840	VV	1066	11613	0.40%	0.026%
11	4.857	4.840	4.867	VV	1188	13137	0.45%	0.029%
12	4.881	4.867	4.901	VV	1489	21841	0.75%	0.048%
13	4.917	4.901	4.926	VV	1220	16237	0.55%	0.036%
14	4.935	4.926	4.942	VV	1275	10998	0.38%	0.024%
15	4.959	4.942	4.982	VV	5276	64317	2.20%	0.143%
16	4.993	4.982	5.003	VV	1394	16400	0.56%	0.036%
17	5.034	5.003	5.059	VV	2406	55069	1.88%	0.122%
18	5.083	5.059	5.129	VV	4743	68240	2.33%	0.151%
19	5.147	5.129	5.169	VV	825	15316	0.52%	0.034%
20	5.185	5.169	5.201	VV	1181	15736	0.54%	0.035%
21	5.220	5.201	5.240	VV	1262	22180	0.76%	0.049%
22	5.273	5.240	5.300	VV	2460	41344	1.41%	0.092%
23	5.328	5.300	5.340	VV	5936	60215	2.06%	0.134%
24	5.356	5.340	5.398	VV	14335	166366	5.68%	0.369%
25	5.412	5.398	5.430	VV	1416	16717	0.57%	0.037%
26	5.449	5.430	5.466	VV	736	11692	0.40%	0.026%
27	5.485	5.466	5.500	VV	1495	23417	0.80%	0.052%
28	5.511	5.500	5.532	VV	1752	24015	0.82%	0.053%
29	5.553	5.532	5.566	VV	1677	24952	0.85%	0.055%
30	5.580	5.566	5.598	VV	2444	32133	1.10%	0.071%
31	5.610	5.598	5.638	VV	1169	22385	0.76%	0.050%
32	5.647	5.638	5.665	VV	809	9677	0.33%	0.021%
33	5.701	5.665	5.715	VV	8592	99509	3.40%	0.221%
34	5.736	5.715	5.772	VV	9408	129572	4.43%	0.288%
35	5.797	5.772	5.815	VV	1742	26086	0.89%	0.058%
36	5.833	5.815	5.842	VV	782	8967	0.31%	0.020%

					rteres			
37	5.856	5.842	5.866	VV	741	9957	0.34%	0.022%
38	5.893	5.866	5.920	VV	8286	115558	3.95%	0.256%
39	5.930	5.920	5.953	VV	2503	34438	1.18%	0.076%
40	5.965	5.953	5.977	VV	1291	16961	0.58%	0.038%
41	5.996	5.977	6.047	VV	12332	174959	5.98%	0.388%
42	6.070	6.047	6.087	VV	1910	27961	0.96%	0.062%
43	6.093	6.087	6.104	VV	1064	9710	0.33%	0.022%
44	6.118	6.104	6.130	VV	1589	19777	0.68%	0.044%
45	6.135	6.130	6.160	VV	1226	12541	0.43%	0.028%
46	6.188	6.160	6.207	VV	2576	31979	1.09%	0.071%
47	6.241	6.207	6.254	VV	3642	51600	1.76%	0.115%
48	6.270	6.254	6.292	VV	10054	108377	3.70%	0.241%
49	6.312	6.292	6.335	VV	4051	57189	1.95%	0.127%
50	6.346	6.335	6.355	VV	1297	13405	0.46%	0.030%
51	6.373	6.355	6.397	VV	2494	43995	1.50%	0.098%
52	6.421	6.397	6.441	VV	6841	114426	3.91%	0.254%
53	6.460	6.441	6.488	VV	4301	74926	2.56%	0.166%
54	6.504	6.488	6.520	VV	5489	61161	2.09%	0.136%
55	6.546	6.520	6.559	VV	4333	71216	2.43%	0.158%
56	6.567	6.559	6.583	VV	2607	29758	1.02%	0.066%
57	6.591	6.583	6.598	VV	1619	13587	0.46%	0.030%
58	6.607	6.598	6.622	VV	1656	21075	0.72%	0.047%
59	6.657	6.622	6.698	VV	6161	131478	4.49%	0.292%
60	6.734	6.698	6.764	VV	269438	2733003	93.36%	6.065%
61	6.773	6.764	6.787	VV	1077	12871	0.44%	0.029%
62	6.807	6.787	6.834	VV	6612	93787	3.20%	0.208%
63	6.857	6.834	6.872	VV	3368	55783	1.91%	0.124%
64	6.884	6.872	6.908	VV	2408	42318	1.45%	0.094%
65	6.930	6.908	6.952	VV	3963	63571	2.17%	0.141%
66	6.986	6.952	6.998	VV	2439	46475	1.59%	0.103%
67	7.016	6.998	7.036	VV	7100	83937	2.87%	0.186%
68	7.059	7.036	7.084	VV	2429	47388	1.62%	0.105%
69	7.097	7.084	7.107	VV	1719	20154	0.69%	0.045%
70	7.137	7.107	7.157	VV	6341	93666	3.20%	0.208%
71	7.175	7.157	7.190	VV	2634	37287	1.27%	0.083%
72	7.205	7.190	7.217	VV	2391	31144	1.06%	0.069%
73	7.232	7.217	7.244	VV	2039	30540	1.04%	0.068%
74	7.265	7.244	7.285	VV	5260	78697	2.69%	0.175%
75	7.304	7.285	7.342	VV	7263	129457	4.42%	0.287%
76	7.373	7.342	7.407	VV	7411	149203	5.10%	0.331%
77	7.417	7.407	7.432	VV	2693	32000	1.09%	0.071%
78	7.454	7.432	7.496	VV	6816	139741	4.77%	0.310%
79	7.518	7.496	7.537	VV	3951	61989	2.12%	0.138%
80	7.554	7.537	7.567	VV	1960	30701	1.05%	0.068%
81	7.578	7.567	7.594	VV	1759	25055	0.86%	0.056%
82	7.609	7.594	7.623	VV	1673	25700	0.88%	0.057%
83	7.655	7.623	7.668	VV	7779	109821	3.75%	0.244%
84	7.676	7.668	7.700	VV	4894	71496	2.44%	0.159%
85	7.716	7.700	7.727	VV	3934	48257	1.65%	0.107%
86	7.736	7.727	7.753	VV	3617	52745	1.80%	0.117%
87	7.763	7.753	7.801	VV	3469	59060	2.02%	0.131%
88	7.822	7.801	7.832	VV	1791	27887	0.95%	0.062%
89	7.852	7.832	7.863	VV	5149	65730	2.25%	0.146%

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90	7.868	7.863	7.888	VV	4161	46187	1.58%	0.103%
91	7.905	7.888	7.924	VV	4273	56138	1.92%	0.125%
92	7.952	7.924	7.957	VV	2316	34105	1.16%	0.076%
93	7.970	7.957	7.981	VV	2610	33245	1.14%	0.074%
94	7.993	7.981	8.007	VV	2989	38745	1.32%	0.086%
95	8.011	8.007	8.040	VV	2239	33427	1.14%	0.074%
96	8.070	8.040	8.078	VV	2144	37309	1.27%	0.083%
97	8.091	8.078	8.100	VV	2571	31845	1.09%	0.071%
98	8.116	8.100	8.143	VV	3210	66315	2.27%	0.147%
99	8.157	8.143	8.175	VV	2360	40836	1.39%	0.091%
100	8.200	8.175	8.219	VV	3159	60629	2.07%	0.135%
101	8.252	8.219	8.262	VV	3317	63731	2.18%	0.141%
102	8.287	8.262	8.299	VV	6350	101709	3.47%	0.226%
103	8.311	8.299	8.340	VV	6622	100791	3.44%	0.224%
104	8.358	8.340	8.369	VV	9774	111790	3.82%	0.248%
105	8.374	8.369	8.414	VV	7925	105374	3.60%	0.234%
106	8.441	8.414	8.450	VV	2390	39920	1.36%	0.089%
107	8.478	8.450	8.499	VV	15879	217122	7.42%	0.482%
108	8.509	8.499	8.523	VV	3431	43387	1.48%	0.096%
109	8.559	8.523	8.587	VV	260558	2789745	95.29%	6.191%
110	8.592	8.587	8.611	VV	2718	32867	1.12%	0.073%
111	8.633	8.611	8.650	VV	8302	129561	4.43%	0.288%
112	8.656	8.650	8.697	VV	5575	97425	3.33%	0.216%
113	8.719	8.697	8.736	VV	5424	75366	2.57%	0.167%
114	8.751	8.736	8.766	VV	3534	52918	1.81%	0.117%
115	8.780	8.766	8.822	VV	4188	85195	2.91%	0.189%
116	8.837	8.822	8.843	VV	1712	19987	0.68%	0.044%
117	8.846	8.843	8.879	VV	1727	26607	0.91%	0.059%
118	8.885	8.879	8.901	VV	908	10256	0.35%	0.023%
119	8.932	8.901	8.943	VV	2497	45995	1.57%	0.102%
120	8.958	8.943	8.990	VV	3425	71851	2.45%	0.159%
121	9.022	8.990	9.051	VV	4288	97437	3.33%	0.216%
122	9.081	9.051	9.114	VV	3600	95132	3.25%	0.211%
123	9.128	9.114	9.142	VV	2450	31747	1.08%	0.070%
124	9.155	9.142	9.174	VV	3048	43309	1.48%	0.096%
125	9.203	9.174	9.225	VV	10237	145854	4.98%	0.324%
126	9.240	9.225	9.262	VV	3156	50201	1.71%	0.111%
127	9.277	9.262	9.294	VV	2972	39762	1.36%	0.088%
128	9.327	9.294	9.342	VV	3803	73118	2.50%	0.162%
129	9.375	9.342	9.395	VV	11125	154171	5.27%	0.342%
130	9.415	9.395	9.465	VV	12938	171742	5.87%	0.381%
131	9.480	9.465	9.499	VV	985	15943	0.54%	0.035%
132	9.532	9.499	9.548	VV	10661	128185	4.38%	0.284%
133	9.562	9.548	9.600	VV	6891	78841	2.69%	0.175%
134	9.615	9.600	9.629	VV	1138	14079	0.48%	0.031%
135	9.669	9.629	9.690	VV	8840	135776	4.64%	0.301%
136	9.706	9.690	9.728	VV	2297	37294	1.27%	0.083%
137	9.750	9.728	9.763	VV	2788	38408	1.31%	0.085%
138	9.777	9.763	9.800	VV	4184	52658	1.80%	0.117%
139	9.831	9.800	9.856	VV	12023	149355	5.10%	0.331%
140	9.872	9.856	9.884	VV	1722	21225	0.73%	0.047%
141	9.901	9.884	9.917	VV	3170	43754	1.49%	0.097%

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142	9.933	9.917	9.942	VV	3774	46090	1.57%	0.102%
143	9.957	9.942	9.978	VV	4425	65635	2.24%	0.146%
144	9.994	9.978	10.005	VV	2199	30198	1.03%	0.067%
145	10.031	10.005	10.057	VV	171471	1766623	60.35%	3.921%
146	10.079	10.057	10.099	VV	3570	73163	2.50%	0.162%
147	10.107	10.099	10.120	VV	2886	33218	1.13%	0.074%
148	10.125	10.120	10.135	VV	2437	21061	0.72%	0.047%
149	10.165	10.135	10.217	VV	253646	2879338	98.35%	6.390%
150	10.233	10.217	10.251	VV	1377	20964	0.72%	0.047%
151	10.271	10.251	10.284	VV	1824	27092	0.93%	0.060%
152	10.294	10.284	10.313	VV	1603	17238	0.59%	0.038%
153	10.336	10.313	10.387	VV	3665	60716	2.07%	0.135%
154	10.405	10.387	10.413	PV	161	1042	0.04%	0.002%
155	10.440	10.413	10.468	VV	942	12553	0.43%	0.028%
156	10.503	10.468	10.531	VV	28297	313448	10.71%	0.696%
157	10.551	10.531	10.574	VV	2841	41297	1.41%	0.092%
158	10.603	10.574	10.616	VV	5160	67593	2.31%	0.150%
159	10.630	10.616	10.652	VV	5030	64798	2.21%	0.144%
160	10.673	10.652	10.712	VV	10394	129678	4.43%	0.288%
161	10.749	10.712	10.794	VV	4343	122607	4.19%	0.272%
162	10.814	10.794	10.835	VV	5880	80135	2.74%	0.178%
163	10.853	10.835	10.871	VV	4467	60944	2.08%	0.135%
164	10.890	10.871	10.903	VV	2191	35865	1.23%	0.080%
165	10.921	10.903	10.938	VV	2614	40199	1.37%	0.089%
166	10.975	10.938	10.998	VV	4906	87779	3.00%	0.195%
167	11.027	10.998	11.047	VV	1634	40305	1.38%	0.089%
168	11.055	11.047	11.071	VV	1274	15307	0.52%	0.034%
169	11.114	11.071	11.137	VV	1858	41653	1.42%	0.092%
170	11.153	11.137	11.165	VV	1691	21345	0.73%	0.047%
171	11.177	11.165	11.214	VV	1625	30982	1.06%	0.069%
172	11.231	11.214	11.266	VV	1363	28048	0.96%	0.062%
173	11.282	11.266	11.312	VV	914	17177	0.59%	0.038%
174	11.333	11.312	11.347	VV	1540	21101	0.72%	0.047%
175	11.371	11.347	11.391	VV	1801	30939	1.06%	0.069%
176	11.419	11.391	11.426	VV	837	14153	0.48%	0.031%
177	11.435	11.426	11.441	VV	935	8067	0.28%	0.018%
178	11.464	11.441	11.485	VV	3309	48055	1.64%	0.107%
179	11.513	11.485	11.529	VV	1805	33028	1.13%	0.073%
180	11.547	11.529	11.557	VV	2110	28802	0.98%	0.064%
181	11.568	11.557	11.577	VV	2461	25786	0.88%	0.057%
182	11.607	11.577	11.660	VV	251818	2927532	100.00%	6.497%
183	11.680	11.660	11.728	VV	2990	67860	2.32%	0.151%
184	11.751	11.728	11.774	VV	1399	20372	0.70%	0.045%
185	11.807	11.774	11.832	VV	2480	44806	1.53%	0.099%
186	11.862	11.832	11.904	VV	1295	38069	1.30%	0.084%
187	11.905	11.904	11.921	VV	716	6538	0.22%	0.015%
188	11.925	11.921	11.933	VV	696	4693	0.16%	0.010%
189	11.956	11.933	11.973	VV	3646	45988	1.57%	0.102%
190	11.987	11.973	12.008	VV	2304	28344	0.97%	0.063%
191	12.024	12.008	12.037	VV	582	7632	0.26%	0.017%
192	12.054	12.037	12.061	VV	696	7962	0.27%	0.018%
193	12.103	12.061	12.121	VV	2467	51077	1.74%	0.113%
194	12.136	12.121	12.177	VV	1738	26260	0.90%	0.058%

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195	12.191	12.177	12.203	VV	244	2427	0.08%	0.005%
196	12.213	12.203	12.229	VV	276	2910	0.10%	0.006%
197	12.262	12.229	12.309	VV	1337	34776	1.19%	0.077%
198	12.324	12.309	12.345	VV	694	9856	0.34%	0.022%
199	12.367	12.345	12.394	VV	1221	19630	0.67%	0.044%
200	12.401	12.394	12.406	VV	310	2165	0.07%	0.005%
201	12.431	12.406	12.449	VV	550	9380	0.32%	0.021%
202	12.464	12.449	12.469	VV	435	4211	0.14%	0.009%
203	12.488	12.469	12.495	VV	1100	12201	0.42%	0.027%
204	12.528	12.495	12.583	VV	114854	1447018	49.43%	3.211%
205	12.604	12.583	12.621	VV	2804	44326	1.51%	0.098%
206	12.635	12.621	12.678	VV	1777	44082	1.51%	0.098%
207	12.700	12.678	12.727	VV	1177	24609	0.84%	0.055%
208	12.746	12.727	12.764	VV	1327	21041	0.72%	0.047%
209	12.768	12.764	12.782	VV	972	8711	0.30%	0.019%
210	12.794	12.782	12.817	VV	874	12564	0.43%	0.028%
211	12.850	12.817	12.877	VV	1610	30307	1.04%	0.067%
212	12.917	12.877	12.955	VV	232014	2817487	96.24%	6.253%
213	12.995	12.955	13.028	VV	4493	75265	2.57%	0.167%
214	13.039	13.028	13.044	VV	148	1025	0.04%	0.002%
215	13.065	13.044	13.079	VV	242	3321	0.11%	0.007%
216	13.123	13.079	13.136	PV	353	4816	0.16%	0.011%
217	13.158	13.136	13.219	VV	712	18110	0.62%	0.040%
218	13.247	13.219	13.253	PV	520	5540	0.19%	0.012%
219	13.270	13.253	13.290	VV	1115	13354	0.46%	0.030%
220	13.312	13.290	13.338	VV	1580	23516	0.80%	0.052%
221	13.356	13.338	13.384	VV	903	11719	0.40%	0.026%
222	13.415	13.384	13.434	VV	440	7166	0.24%	0.016%
223	13.442	13.434	13.461	VV	383	4706	0.16%	0.010%
224	13.474	13.461	13.490	VV	320	3932	0.13%	0.009%
225	13.539	13.490	13.578	PV	1963	52757	1.80%	0.117%
226	13.598	13.578	13.623	VV	1053	20525	0.70%	0.046%
227	13.640	13.623	13.678	VV	532	12768	0.44%	0.028%
228	13.697	13.678	13.710	VV	695	9331	0.32%	0.021%
229	13.723	13.710	13.729	VV	589	6047	0.21%	0.013%
230	13.753	13.729	13.829	VV	18565	232699	7.95%	0.516%
231	13.834	13.829	13.842	VV	455	3215	0.11%	0.007%
232	13.856	13.842	13.882	VV	492	9296	0.32%	0.021%
233	13.904	13.882	13.910	VV	410	5456	0.19%	0.012%
234	13.936	13.910	13.942	VV	757	10785	0.37%	0.024%
235	13.957	13.942	13.997	VV	1291	27257	0.93%	0.060%
236	14.030	13.997	14.041	VV	684	12994	0.44%	0.029%
237	14.065	14.041	14.082	VV	1325	23010	0.79%	0.051%
238	14.115	14.082	14.161	VV	221157	2776316	94.83%	6.161%
239	14.173	14.161	14.192	VV	570	8166	0.28%	0.018%
240	14.196	14.192	14.206	VV	442	3397	0.12%	0.008%
241	14.210	14.206	14.216	VV	469	2508	0.09%	0.006%
242	14.236	14.216	14.283	VV	1478	21773	0.74%	0.048%
243	14.340	14.283	14.369	PV	548	15257	0.52%	0.034%
244	14.383	14.369	14.398	VV	396	5698	0.19%	0.013%
245	14.405	14.398	14.432	VV	375	5482	0.19%	0.012%
246	14.445	14.432	14.454	VV	301	2985	0.10%	0.007%

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247	14.504	14.454	14.576	VV	2306	56699	1.94%	0.126%
248	14.583	14.576	14.618	VV	577	9980	0.34%	0.022%
249	14.633	14.618	14.654	VV	485	8589	0.29%	0.019%
250	14.677	14.654	14.709	VV	5519	78350	2.68%	0.174%
251	14.732	14.709	14.761	VV	1613	31838	1.09%	0.071%
252	14.775	14.761	14.795	VV	879	13945	0.48%	0.031%
253	14.800	14.795	14.824	VV	571	7296	0.25%	0.016%
254	14.837	14.824	14.856	VV	457	5827	0.20%	0.013%
255	14.891	14.856	14.917	VV	1019	17805	0.61%	0.040%
256	14.934	14.917	14.946	VV	462	6234	0.21%	0.014%
257	14.951	14.946	14.955	VV	470	2400	0.08%	0.005%
258	14.960	14.955	14.975	VV	496	3936	0.13%	0.009%
259	15.013	14.975	15.051	VV	112359	1510865	51.61%	3.353%
260	15.061	15.051	15.094	VV	1119	19565	0.67%	0.043%
261	15.102	15.094	15.125	VV	507	7446	0.25%	0.017%
262	15.144	15.125	15.161	VV	669	9883	0.34%	0.022%
263	15.219	15.161	15.251	VV	214651	2803946	95.78%	6.223%
264	15.263	15.251	15.296	VV	1357	20548	0.70%	0.046%
265	15.299	15.296	15.340	VV	368	5300	0.18%	0.012%
266	15.350	15.340	15.364	VV	156	1386	0.05%	0.003%
267	15.413	15.364	15.446	VV	398	8406	0.29%	0.019%
268	15.457	15.446	15.474	VV	332	3761	0.13%	0.008%
269	15.479	15.474	15.485	VV	246	1436	0.05%	0.003%
270	15.504	15.485	15.517	VV	336	5226	0.18%	0.012%
271	15.521	15.517	15.534	VV	306	2645	0.09%	0.006%
272	15.551	15.534	15.562	VV	418	5445	0.19%	0.012%
273	15.593	15.562	15.690	VV	46322	680334	23.24%	1.510%
274	15.694	15.690	15.708	VV	515	4987	0.17%	0.011%
275	15.737	15.708	15.777	VV	7969	133069	4.55%	0.295%
276	15.811	15.777	15.842	VV	5345	81067	2.77%	0.180%
277	15.859	15.842	15.891	VV	457	9048	0.31%	0.020%
278	15.914	15.891	15.939	VV	373	7042	0.24%	0.016%
279	15.960	15.939	15.965	VV	397	4949	0.17%	0.011%
280	15.974	15.965	16.002	VV	447	8438	0.29%	0.019%
281	16.009	16.002	16.016	VV	269	2058	0.07%	0.005%
282	16.059	16.016	16.080	VV	574	15543	0.53%	0.034%
283	16.114	16.080	16.186	VV	1653	40984	1.40%	0.091%
284	16.239	16.186	16.277	VV	206398	2740506	93.61%	6.082%
285	16.300	16.277	16.358	VV	574	13717	0.47%	0.030%
286	16.431	16.358	16.458	PV	574	15071	0.51%	0.033%
287	16.464	16.458	16.469	VV	255	1392	0.05%	0.003%
288	16.477	16.469	16.482	VV	285	1882	0.06%	0.004%
289	16.488	16.482	16.491	VV	206	953	0.03%	0.002%
290	16.495	16.491	16.502	VV	191	1141	0.04%	0.003%
291	16.537	16.502	16.572	VV	955	24045	0.82%	0.053%
292	16.608	16.572	16.657	VV	5895	107021	3.66%	0.238%
293	16.720	16.657	16.756	VV	8820	145446	4.97%	0.323%
294	16.760	16.756	16.765	VV	184	782	0.03%	0.002%
295	16.798	16.765	16.821	VV	1456	21870	0.75%	0.049%
296	16.847	16.821	16.865	VV	949	12750	0.44%	0.028%
297	16.883	16.865	16.904	VV	388	6302	0.22%	0.014%
298	16.930	16.904	16.936	VV	277	3257	0.11%	0.007%
299	16.974	16.936	17.004	VV	1247	27048	0.92%	0.060%

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300	17.021	17.004	17.038	VV	1186	16476	0.56%	0.037%	
301	17.050	17.038	17.060	VV	768	8637	0.30%	0.019%	
302	17.079	17.060	17.116	VV	1198	20621	0.70%	0.046%	
303	17.126	17.116	17.130	VV	196	1444	0.05%	0.003%	
304	17.189	17.130	17.222	VV	192674	2671984	91.27%	5.930%	
					Sum of corrected areas:		45059345		

FF102124.M Fri Nov 01 06:13:44 2024

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7MSD	SDG No.:	P4599
Lab Sample ID:	P4599-07MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	82.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014851.D	1	10/30/24 08:00	10/30/24 21:52	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	11800		223	2010	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	11.1		37 - 130	55%	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\FF103024\
 Data File : FF014851.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 21:52
 Operator : YP\AJ
 Sample : P4599-07MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EX-1-TPH-7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:46:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.014	1457506	11.075 ug/ml
Target Compounds			
2) N-DECANE	4.573	2476217	17.334 ug/mlm
3) N-DODECANE	6.735	2667201	18.380 ug/ml
4) N-TETRADECANE	8.559	2683059	18.304 ug/ml
5) N-HEXADECANE	10.166	2773406	18.873 ug/ml
6) N-OCTADECANE	11.608	2813986	18.744 ug/mlm
7) N-EICOSANE	12.918	2757397	18.176 ug/ml
8) N-DOCOSANE	14.116	2699775	18.347 ug/ml
10) N-TETRACOSANE	15.218	2725020	18.541 ug/ml
11) N-HEXACOSANE	16.239	2676120	18.322 ug/ml
12) N-OCTACOSANE	17.189	2600463	17.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103024\
Data File : FF014851.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2024 21:52
Operator : YP\AJ
Sample : P4599-07MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

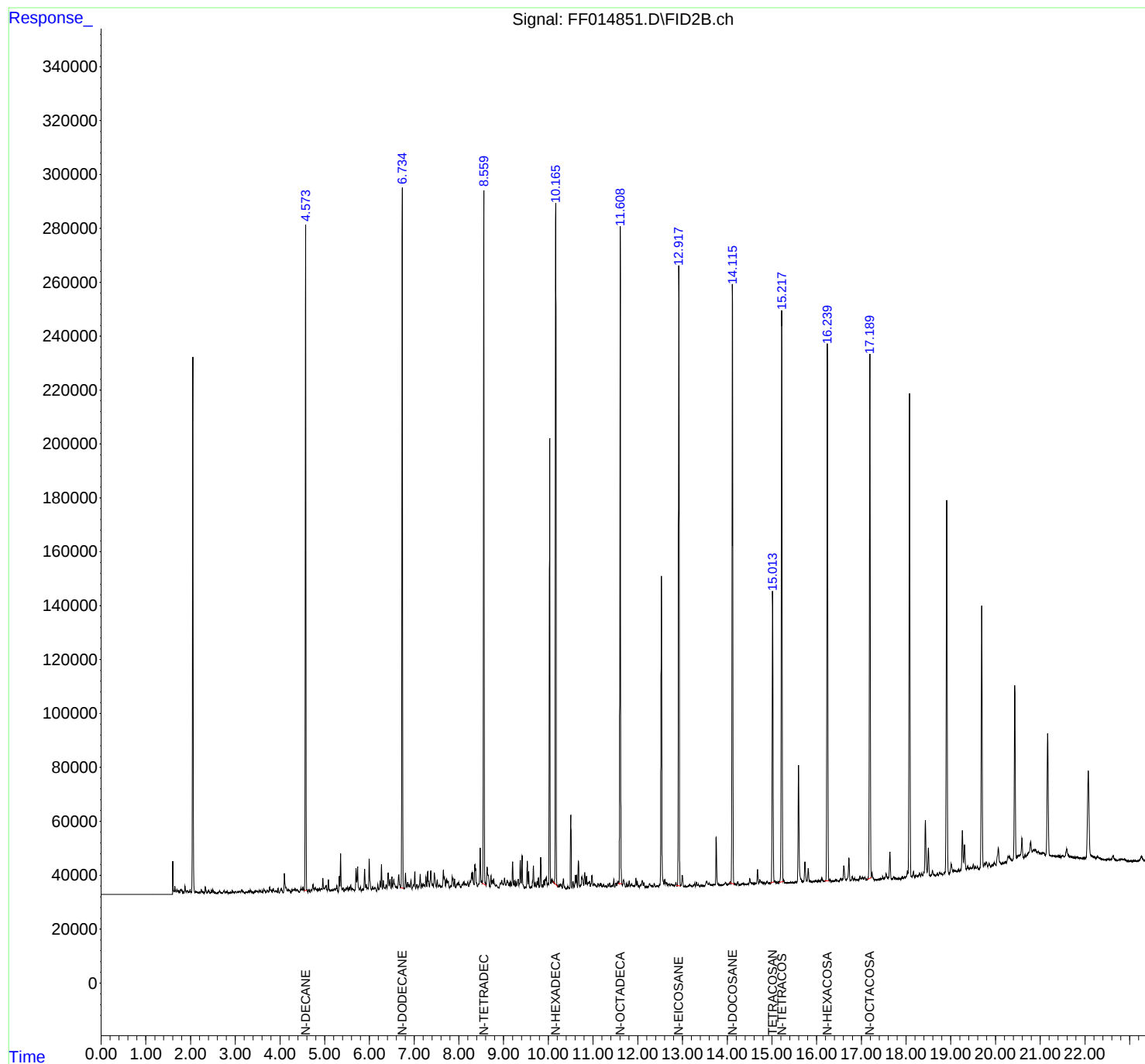
Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
Quant Time: Nov 01 01:46:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rtres

Instrument :

FID_F

ClientSampleId :

EX-1-TPH-7MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF10302

Data File : FF014851.D

Signal(s) : FID2B.ch

Acq On : 30 Oct 2024 21:52

Sample : P4599-07MSD

Misc :

ALS Vial : 73 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.469	4.423	4.481	BV	1485	19822	0.69%	0.044%
2	4.487	4.481	4.498	VV	1134	9359	0.32%	0.021%
3	4.513	4.498	4.542	VV	1861	31144	1.08%	0.070%
4	4.573	4.542	4.602	VV	247621	2498035	86.43%	5.588%
5	4.607	4.602	4.626	VV	880	7869	0.27%	0.018%
6	4.645	4.626	4.679	VV	976	15557	0.54%	0.035%
7	4.693	4.679	4.710	VV	797	11032	0.38%	0.025%
8	4.739	4.710	4.768	VV	2842	52858	1.83%	0.118%
9	4.787	4.768	4.807	VV	1715	27704	0.96%	0.062%
10	4.809	4.807	4.817	VV	901	5596	0.19%	0.013%
11	4.827	4.817	4.841	VV	999	10332	0.36%	0.023%
12	4.856	4.841	4.869	VV	1131	12707	0.44%	0.028%
13	4.882	4.869	4.902	VV	1340	19614	0.68%	0.044%
14	4.917	4.902	4.923	VV	1154	13147	0.45%	0.029%
15	4.933	4.923	4.943	VV	1216	13310	0.46%	0.030%
16	4.959	4.943	4.980	VV	5115	59100	2.04%	0.132%
17	4.994	4.980	5.003	VV	1380	17542	0.61%	0.039%
18	5.018	5.003	5.022	VV	1961	19093	0.66%	0.043%
19	5.034	5.022	5.056	VV	2382	32773	1.13%	0.073%
20	5.083	5.056	5.124	VV	4510	64970	2.25%	0.145%
21	5.148	5.124	5.171	VV	853	15597	0.54%	0.035%
22	5.187	5.171	5.202	VV	1080	13357	0.46%	0.030%
23	5.221	5.202	5.240	VV	1246	19975	0.69%	0.045%
24	5.273	5.240	5.303	VV	2356	39071	1.35%	0.087%
25	5.328	5.303	5.340	PV	5779	57956	2.01%	0.130%
26	5.356	5.340	5.396	VV	14109	161598	5.59%	0.361%
27	5.413	5.396	5.431	VV	1401	16837	0.58%	0.038%
28	5.453	5.431	5.465	VV	659	10184	0.35%	0.023%
29	5.486	5.465	5.500	VV	1475	22493	0.78%	0.050%
30	5.511	5.500	5.535	VV	1744	24910	0.86%	0.056%
31	5.552	5.535	5.567	VV	1593	22823	0.79%	0.051%
32	5.581	5.567	5.599	VV	2445	31292	1.08%	0.070%
33	5.612	5.599	5.640	VV	1129	22181	0.77%	0.050%
34	5.648	5.640	5.664	VV	735	8489	0.29%	0.019%
35	5.701	5.664	5.716	VV	8520	99189	3.43%	0.222%
36	5.736	5.716	5.771	VV	9209	126748	4.39%	0.284%

37	5.798	5.771	5.816	VV	1707	26431	0.91%	0.059%
38	5.837	5.816	5.843	VV	862	8997	0.04%	0.005%
39	5.851	5.843	5.869	VV	740	11042	0.03%	0.002%
40	5.894	5.869	5.920	VV	8221	113541	3.64%	0.075%
41	5.931	5.920	5.954	VV	2485	33846	1.04%	0.013%
42	5.963	5.954	5.977	VV	1258	15554	0.06%	0.008%
43	5.996	5.977	6.051	VV	12013	173421	6.00%	0.388%
44	6.070	6.051	6.085	VV	1820	24345	0.84%	0.054%
45	6.096	6.085	6.105	VV	1005	11050	0.38%	0.025%
46	6.120	6.105	6.132	VV	1567	19570	0.68%	0.044%
47	6.137	6.132	6.159	VV	1172	10586	0.37%	0.024%
48	6.189	6.159	6.207	PV	2577	30683	1.06%	0.069%
49	6.241	6.207	6.254	VV	3454	50789	1.76%	0.114%
50	6.270	6.254	6.293	VV	10054	107246	3.71%	0.240%
51	6.312	6.293	6.338	VV	4003	57968	2.01%	0.130%
52	6.346	6.338	6.355	VV	1272	12478	0.43%	0.028%
53	6.374	6.355	6.395	VV	2408	41029	1.42%	0.092%
54	6.421	6.395	6.442	VV	6872	115666	4.00%	0.259%
55	6.461	6.442	6.486	VV	4198	71683	2.48%	0.160%
56	6.504	6.486	6.519	VV	5409	61236	2.12%	0.137%
57	6.546	6.519	6.561	VV	4257	72717	2.52%	0.163%
58	6.566	6.561	6.584	VV	2635	29364	1.02%	0.066%
59	6.592	6.584	6.599	VV	1562	12826	0.44%	0.029%
60	6.607	6.599	6.627	VV	1583	22969	0.79%	0.051%
61	6.657	6.627	6.697	VV	6022	126379	4.37%	0.283%
62	6.735	6.697	6.767	VV	260738	2711470	93.82%	6.066%
63	6.773	6.767	6.787	VV	1054	10834	0.37%	0.024%
64	6.807	6.787	6.834	VV	6703	93000	3.22%	0.208%
65	6.857	6.834	6.872	VV	3320	53444	1.85%	0.120%
66	6.884	6.872	6.909	VV	2368	42329	1.46%	0.095%
67	6.930	6.909	6.952	VV	3950	61584	2.13%	0.138%
68	6.988	6.952	6.998	VV	2339	46016	1.59%	0.103%
69	7.016	6.998	7.036	VV	7089	83203	2.88%	0.186%
70	7.058	7.036	7.083	VV	2342	45441	1.57%	0.102%
71	7.098	7.083	7.105	VV	1619	18579	0.64%	0.042%
72	7.137	7.105	7.157	VV	6189	93409	3.23%	0.209%
73	7.175	7.157	7.191	VV	2594	38037	1.32%	0.085%
74	7.205	7.191	7.218	VV	2656	32538	1.13%	0.073%
75	7.233	7.218	7.245	VV	2102	31552	1.09%	0.071%
76	7.265	7.245	7.284	VV	5136	76104	2.63%	0.170%
77	7.304	7.284	7.343	VV	7132	129829	4.49%	0.290%
78	7.373	7.343	7.406	VV	7338	145539	5.04%	0.326%
79	7.418	7.406	7.433	VV	2537	33236	1.15%	0.074%
80	7.453	7.433	7.496	VV	6682	136979	4.74%	0.306%
81	7.518	7.496	7.538	VV	4037	61405	2.12%	0.137%
82	7.555	7.538	7.567	VV	1978	30286	1.05%	0.068%
83	7.578	7.567	7.594	VV	1761	25075	0.87%	0.056%
84	7.610	7.594	7.627	VV	1658	27890	0.96%	0.062%
85	7.655	7.627	7.668	VV	7692	104895	3.63%	0.235%
86	7.678	7.668	7.702	VV	4916	73193	2.53%	0.164%
87	7.717	7.702	7.726	VV	3907	43886	1.52%	0.098%
88	7.736	7.726	7.753	VV	3737	54924	1.90%	0.123%
89	7.764	7.753	7.793	VV	3397	53568	1.85%	0.120%

Instrument :

FID_F

ClientSampleId :

EX-1-TPH-7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

90	7.796	7.793	7.802	VV	1132	6234	0.22%	0.014%
91	7.823	7.802	7.834	VV	1822	29293		
92	7.853	7.834	7.863	VV	5126	63277		
93	7.870	7.863	7.888	VV	4194	45605		
94	7.906	7.888	7.928	VV	4184	58626		
95	7.950	7.928	7.958	VV	2367	31827		
96	7.968	7.958	7.981	VV	2735	32739	1.13%	0.073%
97	7.994	7.981	8.037	VV	3076	70903	2.45%	0.159%
98	8.070	8.037	8.081	VV	2154	41944	1.45%	0.094%
99	8.093	8.081	8.100	VV	2502	27805	0.96%	0.062%
100	8.116	8.100	8.138	VV	3190	59706	2.07%	0.134%
101	8.158	8.138	8.170	VV	2318	40260	1.39%	0.090%
102	8.200	8.170	8.222	VV	3138	70172	2.43%	0.157%
103	8.253	8.222	8.263	VV	3249	62809	2.17%	0.141%
104	8.288	8.263	8.299	VV	6310	98745	3.42%	0.221%
105	8.311	8.299	8.341	VV	6580	101121	3.50%	0.226%
106	8.358	8.341	8.369	VV	9495	109891	3.80%	0.246%
107	8.374	8.369	8.419	VV	7958	109866	3.80%	0.246%
108	8.442	8.419	8.453	VV	2342	40263	1.39%	0.090%
109	8.479	8.453	8.500	VV	15709	212147	7.34%	0.475%
110	8.508	8.500	8.525	VV	3392	45227	1.56%	0.101%
111	8.559	8.525	8.588	VV	259237	2761086	95.53%	6.177%
112	8.594	8.588	8.611	VV	2697	31809	1.10%	0.071%
113	8.634	8.611	8.652	VV	8512	134394	4.65%	0.301%
114	8.656	8.652	8.697	VV	5507	91340	3.16%	0.204%
115	8.720	8.697	8.735	VV	5348	73248	2.53%	0.164%
116	8.752	8.735	8.766	VV	3516	54955	1.90%	0.123%
117	8.780	8.766	8.821	VV	4154	84295	2.92%	0.189%
118	8.845	8.821	8.879	VV	1759	48441	1.68%	0.108%
119	8.887	8.879	8.899	VV	974	9954	0.34%	0.022%
120	8.927	8.899	8.942	VV	2534	45310	1.57%	0.101%
121	8.960	8.942	8.991	VV	3511	74568	2.58%	0.167%
122	9.022	8.991	9.053	VV	4259	100423	3.47%	0.225%
123	9.081	9.053	9.114	VV	3575	95150	3.29%	0.213%
124	9.127	9.114	9.141	VV	2520	30326	1.05%	0.068%
125	9.156	9.141	9.178	VV	3152	47209	1.63%	0.106%
126	9.204	9.178	9.225	VV	10366	143327	4.96%	0.321%
127	9.240	9.225	9.262	VV	3221	51213	1.77%	0.115%
128	9.277	9.262	9.293	VV	3068	40444	1.40%	0.090%
129	9.327	9.293	9.342	VV	3845	74988	2.59%	0.168%
130	9.376	9.342	9.395	VV	10914	153812	5.32%	0.344%
131	9.415	9.395	9.463	VV	12616	171058	5.92%	0.383%
132	9.481	9.463	9.500	VV	1087	19031	0.66%	0.043%
133	9.532	9.500	9.549	VV	10613	127834	4.42%	0.286%
134	9.562	9.549	9.600	VV	6705	79338	2.75%	0.177%
135	9.617	9.600	9.631	VV	1116	15411	0.53%	0.034%
136	9.648	9.631	9.654	VV	3104	29734	1.03%	0.067%
137	9.669	9.654	9.690	VV	8764	106073	3.67%	0.237%
138	9.706	9.690	9.733	VV	2477	41906	1.45%	0.094%
139	9.750	9.733	9.762	VV	2857	34932	1.21%	0.078%
140	9.777	9.762	9.802	VV	4202	56611	1.96%	0.127%
141	9.832	9.802	9.857	VV	11923	149770	5.18%	0.335%

Instrument :

FID_F

ClientSampleId :

EX-1-TPH-7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

142	9.870	9.857	9.885	VV	1760	22382	0.77%	0.050%
143	9.901	9.885	9.916	VV	3285	43119		
144	9.934	9.916	9.945	VV	3794	52120		
145	9.957	9.945	9.978	VV	4483	62604		
146	9.995	9.978	10.005	VV	2327	31467		
147	10.032	10.005	10.058	VV	167342	1745621	60.77%	0.050%
148	10.079	10.058	10.098	VV	3727	72160	2.50%	0.161%
149	10.108	10.098	10.121	VV	2965	37757	1.31%	0.084%
150	10.126	10.121	10.136	VV	2483	22142	0.77%	0.050%
151	10.166	10.136	10.219	VV	254049	2849484	98.59%	6.374%
152	10.233	10.219	10.254	VV	1412	23074	0.80%	0.052%
153	10.271	10.254	10.287	VV	1977	28862	1.00%	0.065%
154	10.295	10.287	10.313	VV	1690	17150	0.59%	0.038%
155	10.337	10.313	10.366	VV	3752	57574	1.99%	0.129%
156	10.371	10.366	10.390	VV	680	5492	0.19%	0.012%
157	10.405	10.390	10.420	PV	269	2952	0.10%	0.007%
158	10.441	10.420	10.474	VV	1034	14653	0.51%	0.033%
159	10.503	10.474	10.530	VV	27415	310173	10.73%	0.694%
160	10.552	10.530	10.575	VV	2686	42811	1.48%	0.096%
161	10.604	10.575	10.618	VV	5049	69922	2.42%	0.156%
162	10.631	10.618	10.654	VV	5061	64354	2.23%	0.144%
163	10.674	10.654	10.705	VV	10204	125673	4.35%	0.281%
164	10.707	10.705	10.713	VV	1120	5114	0.18%	0.011%
165	10.749	10.713	10.795	VV	4451	125900	4.36%	0.282%
166	10.814	10.795	10.836	VV	6008	81196	2.81%	0.182%
167	10.853	10.836	10.872	VV	4629	63278	2.19%	0.142%
168	10.889	10.872	10.904	VV	2224	38736	1.34%	0.087%
169	10.921	10.904	10.938	VV	2686	41346	1.43%	0.092%
170	10.976	10.938	10.998	VV	4873	90178	3.12%	0.202%
171	11.027	10.998	11.048	VV	1794	42741	1.48%	0.096%
172	11.057	11.048	11.075	VV	1396	17829	0.62%	0.040%
173	11.082	11.075	11.087	VV	797	5310	0.18%	0.012%
174	11.114	11.087	11.137	VV	1766	36681	1.27%	0.082%
175	11.154	11.137	11.165	VV	1747	21898	0.76%	0.049%
176	11.179	11.165	11.215	VV	1806	35091	1.21%	0.078%
177	11.231	11.215	11.267	VV	1503	30178	1.04%	0.068%
178	11.285	11.267	11.312	VV	954	19405	0.67%	0.043%
179	11.330	11.312	11.348	VV	1643	23526	0.81%	0.053%
180	11.371	11.348	11.391	VV	1927	31822	1.10%	0.071%
181	11.433	11.391	11.440	VV	1047	23761	0.82%	0.053%
182	11.464	11.440	11.488	VV	3349	50479	1.75%	0.113%
183	11.513	11.488	11.529	VV	1848	33672	1.17%	0.075%
184	11.547	11.529	11.557	VV	2227	29161	1.01%	0.065%
185	11.569	11.557	11.577	VV	2508	26039	0.90%	0.058%
186	11.608	11.577	11.660	VV	245594	2890159	100.00%	6.465%
187	11.680	11.660	11.730	VV	3005	70453	2.44%	0.158%
188	11.751	11.730	11.775	VV	1403	22515	0.78%	0.050%
189	11.808	11.775	11.832	VV	2610	45979	1.59%	0.103%
190	11.862	11.832	11.905	VV	1444	41619	1.44%	0.093%
191	11.910	11.905	11.931	VV	726	10388	0.36%	0.023%
192	11.957	11.931	11.974	VV	3523	47776	1.65%	0.107%
193	11.988	11.974	12.009	VV	2312	29422	1.02%	0.066%
194	12.022	12.009	12.039	VV	659	9062	0.31%	0.020%

Instrument :

FID_F

ClientSampleId :

EX-1-TPH-7MSD

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

195	12.069	12.039	12.074	VV	1068	16382	0.57%	0.037%
196	12.103	12.074	12.122	VV	2605	51256		
197	12.137	12.122	12.171	VV	1854	26911		
198	12.175	12.171	12.181	VV	238	1041		
199	12.194	12.181	12.201	VV	264	2541		
200	12.205	12.201	12.209	VV	265	1310		
201	12.214	12.209	12.227	VV	324	2503	0.09%	0.006%
202	12.263	12.227	12.311	VV	1414	39054	1.35%	0.087%
203	12.322	12.311	12.344	VV	746	10661	0.37%	0.024%
204	12.369	12.344	12.393	VV	1467	22927	0.79%	0.051%
205	12.404	12.393	12.419	VV	442	6193	0.21%	0.014%
206	12.431	12.419	12.451	VV	515	8095	0.28%	0.018%
207	12.458	12.451	12.468	VV	485	4032	0.14%	0.009%
208	12.487	12.468	12.495	VV	1129	13054	0.45%	0.029%
209	12.528	12.495	12.583	VV	115632	1425852	49.33%	3.190%
210	12.604	12.583	12.622	VV	2914	45163	1.56%	0.101%
211	12.635	12.622	12.675	VV	1797	42961	1.49%	0.096%
212	12.699	12.675	12.728	VV	1195	26946	0.93%	0.060%
213	12.747	12.728	12.760	VV	1204	18097	0.63%	0.040%
214	12.767	12.760	12.783	VV	1010	12121	0.42%	0.027%
215	12.796	12.783	12.816	VV	897	12525	0.43%	0.028%
216	12.851	12.816	12.878	VV	1644	32118	1.11%	0.072%
217	12.918	12.878	12.955	VV	230276	2777889	96.12%	6.214%
218	12.996	12.955	13.025	VV	4394	76091	2.63%	0.170%
219	13.031	13.025	13.036	VV	209	1002	0.03%	0.002%
220	13.039	13.036	13.047	VV	190	882	0.03%	0.002%
221	13.058	13.047	13.087	VV	302	3799	0.13%	0.008%
222	13.126	13.087	13.137	PV	332	5281	0.18%	0.012%
223	13.158	13.137	13.198	VV	759	18419	0.64%	0.041%
224	13.202	13.198	13.223	VV	250	2355	0.08%	0.005%
225	13.247	13.223	13.255	VV	525	6559	0.23%	0.015%
226	13.270	13.255	13.289	VV	1130	14360	0.50%	0.032%
227	13.312	13.289	13.340	VV	1666	25282	0.87%	0.057%
228	13.355	13.340	13.383	VV	874	12293	0.43%	0.027%
229	13.411	13.383	13.428	PV	441	6999	0.24%	0.016%
230	13.446	13.428	13.464	VV	398	7156	0.25%	0.016%
231	13.468	13.464	13.495	VV	322	4134	0.14%	0.009%
232	13.541	13.495	13.577	PV	1920	52876	1.83%	0.118%
233	13.600	13.577	13.623	VV	1204	22923	0.79%	0.051%
234	13.641	13.623	13.677	VV	552	13312	0.46%	0.030%
235	13.692	13.677	13.708	VV	635	8687	0.30%	0.019%
236	13.753	13.708	13.821	VV	18107	234789	8.12%	0.525%
237	13.828	13.821	13.841	VV	478	5071	0.18%	0.011%
238	13.856	13.841	13.883	VV	477	9294	0.32%	0.021%
239	13.898	13.883	13.908	VV	365	4197	0.15%	0.009%
240	13.934	13.908	13.940	VV	654	8709	0.30%	0.019%
241	13.960	13.940	13.998	VV	1247	27456	0.95%	0.061%
242	14.035	13.998	14.044	VV	648	14139	0.49%	0.032%
243	14.065	14.044	14.083	VV	1335	21595	0.75%	0.048%
244	14.116	14.083	14.164	VV	222897	2731885	94.52%	6.111%
245	14.176	14.164	14.196	VV	588	8257	0.29%	0.018%
246	14.237	14.196	14.257	VV	1375	23956	0.83%	0.054%

Instrument :

FID_F

ClientSampleId :

EX-1-TPH-7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

						Instrument : FID_F ClientSampleId : EX-1-TPH-7MSD		
247	14.262	14.257	14.276	VV	243	1817	0.06%	0.004%
248	14.278	14.276	14.283	VV	133	279		
249	14.291	14.283	14.296	VV	139	675		
250	14.301	14.296	14.306	VV	202	891		
251	14.345	14.306	14.372	VV	583	15082		
252	14.382	14.372	14.386	VV	420	2831		
253	14.392	14.386	14.397	VV	387	1961	0.07%	0.004%
254	14.407	14.397	14.423	VV	401	4749	0.16%	0.011%
255	14.429	14.423	14.438	VV	249	1949	0.07%	0.004%
256	14.476	14.438	14.481	VV	517	7467	0.26%	0.017%
257	14.504	14.481	14.571	VV	2264	50329	1.74%	0.113%
258	14.582	14.571	14.591	VV	486	5215	0.18%	0.012%
259	14.596	14.591	14.613	VV	414	5035	0.17%	0.011%
260	14.621	14.613	14.649	VV	438	7959	0.28%	0.018%
261	14.677	14.649	14.709	VV	5571	78359	2.71%	0.175%
262	14.731	14.709	14.762	VV	1738	32812	1.14%	0.073%
263	14.773	14.762	14.795	VV	838	13179	0.46%	0.029%
264	14.805	14.795	14.820	VV	535	6528	0.23%	0.015%
265	14.836	14.820	14.854	VV	479	6386	0.22%	0.014%
266	14.892	14.854	14.914	VV	959	17318	0.60%	0.039%
267	14.939	14.914	14.943	VV	431	6390	0.22%	0.014%
268	14.946	14.943	14.949	VV	375	1535	0.05%	0.003%
269	14.954	14.949	14.974	VV	402	5153	0.18%	0.012%
270	15.014	14.974	15.050	VV	108577	1485460	51.40%	3.323%
271	15.061	15.050	15.091	VV	1081	18705	0.65%	0.042%
272	15.101	15.091	15.127	VV	559	8960	0.31%	0.020%
273	15.143	15.127	15.158	VV	721	8708	0.30%	0.019%
274	15.218	15.158	15.250	VV	212440	2756471	95.37%	6.166%
275	15.263	15.250	15.298	VV	1394	21522	0.74%	0.048%
276	15.304	15.298	15.338	VV	368	4740	0.16%	0.011%
277	15.352	15.338	15.373	VV	206	2579	0.09%	0.006%
278	15.415	15.373	15.433	PV	466	7489	0.26%	0.017%
279	15.438	15.433	15.445	VV	234	1312	0.05%	0.003%
280	15.462	15.445	15.482	VV	313	4787	0.17%	0.011%
281	15.516	15.482	15.531	VV	370	8312	0.29%	0.019%
282	15.552	15.531	15.561	VV	425	5996	0.21%	0.013%
283	15.594	15.561	15.686	VV	43803	668439	23.13%	1.495%
284	15.692	15.686	15.706	VV	526	5010	0.17%	0.011%
285	15.737	15.706	15.773	VV	7801	131174	4.54%	0.293%
286	15.811	15.773	15.843	VV	5289	85353	2.95%	0.191%
287	15.863	15.843	15.891	VV	562	10600	0.37%	0.024%
288	15.920	15.891	15.934	VV	452	7718	0.27%	0.017%
289	15.965	15.934	15.972	VV	591	7690	0.27%	0.017%
290	15.975	15.972	16.014	VV	487	9359	0.32%	0.021%
291	16.033	16.014	16.041	VV	453	6491	0.22%	0.015%
292	16.055	16.041	16.085	VV	671	11247	0.39%	0.025%
293	16.114	16.085	16.145	VV	1729	33355	1.15%	0.075%
294	16.164	16.145	16.169	VV	521	6169	0.21%	0.014%
295	16.172	16.169	16.179	VV	406	2050	0.07%	0.005%
296	16.239	16.179	16.274	VV	199739	2697051	93.32%	6.033%
297	16.297	16.274	16.343	VV	706	14711	0.51%	0.033%
298	16.350	16.343	16.356	PV	121	564	0.02%	0.001%
299	16.432	16.356	16.459	VV	561	15525	0.54%	0.035%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

300	16.464	16.459	16.471	VV	229	1451	0.05%	0.003%
301	16.478	16.471	16.484	VV	172	1388		
302	16.488	16.484	16.493	VV	200	884		
303	16.496	16.493	16.509	VV	147	1013		
304	16.543	16.509	16.566	VV	883	20333		
305	16.607	16.566	16.658	VV	5619	108033		
306	16.721	16.658	16.759	VV	8569	145221	5.02%	0.325%
307	16.764	16.759	16.772	VV	249	1583	0.05%	0.004%
308	16.799	16.772	16.824	VV	1417	22209	0.77%	0.050%
309	16.847	16.824	16.871	VV	955	14086	0.49%	0.032%
310	16.882	16.871	16.906	VV	389	5787	0.20%	0.013%
311	16.931	16.906	16.940	VV	234	3420	0.12%	0.008%
312	16.971	16.940	17.005	VV	1257	27606	0.96%	0.062%
313	17.023	17.005	17.040	VV	1096	16730	0.58%	0.037%
314	17.054	17.040	17.062	VV	776	8319	0.29%	0.019%
315	17.078	17.062	17.109	VV	1108	19781	0.68%	0.044%
316	17.189	17.109	17.222	VV	194361	2632740	91.09%	5.889%
317	17.238	17.222	17.300	VBA	2684	46645	1.61%	0.104%
Sum of corrected areas:						44702694		

Instrument :
FID_F
ClientSampleId :
EX-1-TPH-7MSD
0.05% 0.003%

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

FF102124.M Fri Nov 01 06:14:11 2024

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
50 TRPH STD		FF014707.D	FF102124	N-DECANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-DOCOSANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-DODECANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-DOTRIACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-EICOSANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-HEXACOSANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-HEXADECANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-HEXATRIACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-OCTACOSANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-OCTADECANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-OCTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-OCTATRIACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-TETRACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-TETRACOSANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-TETRADECANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-TETRATRIACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	N-TRIACONTANE	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly
50 TRPH STD		FF014707.D	FF102124	TETRACOSANE-d50 (SURROGA	Ankita	10/22/2024 8:58:29 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4599-03		FF014839.D	FF103024	TETRACOSANE-d50 (SURROGA	Ankita	11/4/2024 9:21:16 AM	Peak Integrated by Software incorrectly
P4599-05		FF014841.D	FF103024	TETRACOSANE-d50 (SURROGA	Ankita	11/4/2024 9:21:18 AM	Peak Integrated by Software incorrectly
P4599-06		FF014842.D	FF103024	TETRACOSANE-d50 (SURROGA	Ankita	11/4/2024 9:21:20 AM	Peak Integrated by Software incorrectly
P4599-08		FF014843.D	FF103024	TETRACOSANE-d50 (SURROGA	Ankita	11/4/2024 9:21:21 AM	Peak Integrated by Software incorrectly
P4599-09		FF014844.D	FF103024	TETRACOSANE-d50 (SURROGA	Ankita	11/4/2024 9:21:22 AM	Peak Integrated by Software incorrectly
P4599-07MSD		FF014851.D	FF103024	N-DECANE	Ankita	11/4/2024 9:21:24 AM	Peak Integrated by Software incorrectly
P4599-07MSD		FF014851.D	FF103024	N-OCTADECANE	Ankita	11/4/2024 9:21:24 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102124

Review By	yogesh	Review On	10/21/2024 1:40:56 PM
Supervise By	Ankita	Supervise On	10/22/2024 8:58:33 AM
SubDirectory	FF102124	HP Acquire Method	HP Processing Method FF102124
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616		
CCC Internal Standard/PEM	PP23613		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF014704.D	21 Oct 2024 14:21	YP\AJ	Ok
2	I.BLK	FF014705.D	21 Oct 2024 14:50	YP\AJ	Ok
3	100 TRPH STD	FF014706.D	21 Oct 2024 15:19	YP\AJ	Ok
4	50 TRPH STD	FF014707.D	21 Oct 2024 15:48	YP\AJ	Ok,M
5	20 TRPH STD	FF014708.D	21 Oct 2024 16:17	YP\AJ	Ok
6	10 TRPH STD	FF014709.D	21 Oct 2024 16:46	YP\AJ	Ok
7	5 TRPH STD	FF014710.D	21 Oct 2024 17:15	YP\AJ	Ok
8	FF102124ICV	FF014711.D	21 Oct 2024 17:44	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103024

Review By	yogesh	Review On	10/30/2024 11:25:34 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:21:35 AM
SubDirectory	FF103024	HP Acquire Method	HP Processing Method FF102124
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23613 PP23612,PP23617		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF014833.D	30 Oct 2024 09:58	YP\AJ	Ok
2	I.BLK	FF014834.D	30 Oct 2024 10:26	YP\AJ	Ok
3	50 PPM TRPH STD	FF014835.D	30 Oct 2024 10:54	YP\AJ	Ok
4	RT MARKER	FF014836.D	30 Oct 2024 11:24	YP\AJ	Ok
5	P4599-01	FF014837.D	30 Oct 2024 13:50	YP\AJ	Dilution
6	P4599-02	FF014838.D	30 Oct 2024 14:19	YP\AJ	Dilution
7	P4599-03	FF014839.D	30 Oct 2024 14:47	YP\AJ	Dilution
8	P4599-04	FF014840.D	30 Oct 2024 15:15	YP\AJ	Dilution
9	P4599-05	FF014841.D	30 Oct 2024 15:44	YP\AJ	Dilution
10	P4599-06	FF014842.D	30 Oct 2024 16:12	YP\AJ	Dilution
11	P4599-08	FF014843.D	30 Oct 2024 16:40	YP\AJ	Dilution
12	P4599-09	FF014844.D	30 Oct 2024 17:09	YP\AJ	Dilution
13	I.BLK	FF014845.D	30 Oct 2024 17:37	YP\AJ	Ok
14	50 PPM TRPH STD	FF014846.D	30 Oct 2024 18:34	YP\AJ	Ok
15	PB164527BL	FF014847.D	30 Oct 2024 19:59	YP\AJ	Ok
16	PB164527BS	FF014848.D	30 Oct 2024 20:27	YP\AJ	Ok
17	P4599-07	FF014849.D	30 Oct 2024 20:56	YP\AJ	Ok
18	P4599-07MS	FF014850.D	30 Oct 2024 21:24	YP\AJ	Ok
19	P4599-07MSD	FF014851.D	30 Oct 2024 21:52	YP\AJ	Ok,M
20	P4599-01	FF014852.D	30 Oct 2024 22:21	YP\AJ	Ok
21	P4599-02	FF014853.D	30 Oct 2024 22:49	YP\AJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103024

Review By	yogesh	Review On	10/30/2024 11:25:34 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:21:35 AM
SubDirectory	FF103024	HP Acquire Method	HP Processing Method FF102124
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616		
CCC Internal Standard/PEM	PP23613		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617		

22	P4599-03	FF014854.D	30 Oct 2024 23:17	YP\AJ	Ok
23	P4599-04	FF014855.D	30 Oct 2024 23:46	YP\AJ	Ok
24	P4599-05	FF014856.D	31 Oct 2024 00:14	YP\AJ	Ok
25	I.BLK	FF014857.D	31 Oct 2024 00:42	YP\AJ	Ok
26	50 PPM TRPH STD	FF014858.D	31 Oct 2024 01:39	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103124

Review By	yogesh	Review On	10/31/2024 11:36:22 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:30:24 AM
SubDirectory	FF103124	HP Acquire Method	HP Processing Method FF102124
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616		
CCC Internal Standard/PEM	PP23613		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF014859.D	31 Oct 2024 05:53	YP\AJ	Ok
2	I.BLK	FF014860.D	31 Oct 2024 06:21	YP\AJ	Ok
3	50 PPM TRPH STD	FF014861.D	31 Oct 2024 06:50	YP\AJ	Ok
4	RT MARKER	FF014862.D	31 Oct 2024 07:18	YP\AJ	Ok
5	P4599-06	FF014863.D	31 Oct 2024 08:24	YP\AJ	Ok
6	P4599-08	FF014864.D	31 Oct 2024 09:30	YP\AJ	Ok
7	P4599-09	FF014865.D	31 Oct 2024 09:58	YP\AJ	Ok
8	I.BLK	FF014866.D	31 Oct 2024 10:26	YP\AJ	Ok
9	50 PPM TRPH STD	FF014867.D	31 Oct 2024 10:55	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102124

Review By	yogesh	Review On	10/21/2024 1:40:56 PM
Supervise By	Ankita	Supervise On	10/22/2024 8:58:33 AM
SubDirectory	FF102124	HP Acquire Method	HP Processing Method FF102124

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616
CCC Internal Standard/PEM	PP23613
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF014704.D	21 Oct 2024 14:21		YP\AJ	Ok
2	I.BLK		FF014705.D	21 Oct 2024 14:50		YP\AJ	Ok
3	100 TRPH STD		FF014706.D	21 Oct 2024 15:19		YP\AJ	Ok
4	50 TRPH STD		FF014707.D	21 Oct 2024 15:48		YP\AJ	Ok,M
5	20 TRPH STD		FF014708.D	21 Oct 2024 16:17		YP\AJ	Ok
6	10 TRPH STD		FF014709.D	21 Oct 2024 16:46		YP\AJ	Ok
7	5 TRPH STD		FF014710.D	21 Oct 2024 17:15		YP\AJ	Ok
8	FF102124ICV		FF014711.D	21 Oct 2024 17:44		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103024

Review By	yogesh	Review On	10/30/2024 11:25:34 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:21:35 AM
SubDirectory	FF103024	HP Acquire Method	HP Processing Method FF102124

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616
CCC Internal Standard/PEM	PP23613
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF014833.D	30 Oct 2024 09:58		YP\AJ	Ok
2	I.BLK		FF014834.D	30 Oct 2024 10:26		YP\AJ	Ok
3	50 PPM TRPH STD		FF014835.D	30 Oct 2024 10:54		YP\AJ	Ok
4	RT MARKER		FF014836.D	30 Oct 2024 11:24		YP\AJ	Ok
5	P4599-01		FF014837.D	30 Oct 2024 13:50	need 50 x dilution	YP\AJ	Dilution
6	P4599-02		FF014838.D	30 Oct 2024 14:19	need 50 x dilution	YP\AJ	Dilution
7	P4599-03		FF014839.D	30 Oct 2024 14:47	need 250 x dilution	YP\AJ	Dilution
8	P4599-04		FF014840.D	30 Oct 2024 15:15	need 100 x dilution	YP\AJ	Dilution
9	P4599-05		FF014841.D	30 Oct 2024 15:44	need 250 x dilution	YP\AJ	Dilution
10	P4599-06		FF014842.D	30 Oct 2024 16:12	need 200 x dilution	YP\AJ	Dilution
11	P4599-08		FF014843.D	30 Oct 2024 16:40	need 100 x dilution	YP\AJ	Dilution
12	P4599-09		FF014844.D	30 Oct 2024 17:09	need 100 x dilution	YP\AJ	Dilution
13	I.BLK		FF014845.D	30 Oct 2024 17:37		YP\AJ	Ok
14	50 PPM TRPH STD		FF014846.D	30 Oct 2024 18:34		YP\AJ	Ok
15	PB164527BL		FF014847.D	30 Oct 2024 19:59		YP\AJ	Ok
16	PB164527BS		FF014848.D	30 Oct 2024 20:27		YP\AJ	Ok
17	P4599-07		FF014849.D	30 Oct 2024 20:56		YP\AJ	Ok
18	P4599-07MS		FF014850.D	30 Oct 2024 21:24		YP\AJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103024

Review By	yogesh	Review On	10/30/2024 11:25:34 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:21:35 AM
SubDirectory	FF103024	HP Acquire Method	HP Processing Method FF102124
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616		
CCC Internal Standard/PEM	PP23613		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617		

19	P4599-07MSD		FF014851.D	30 Oct 2024 21:52		YP\AJ	Ok,M
20	P4599-01		FF014852.D	30 Oct 2024 22:21		YP\AJ	Ok
21	P4599-02		FF014853.D	30 Oct 2024 22:49		YP\AJ	Ok
22	P4599-03		FF014854.D	30 Oct 2024 23:17		YP\AJ	Ok
23	P4599-04		FF014855.D	30 Oct 2024 23:46		YP\AJ	Ok
24	P4599-05		FF014856.D	31 Oct 2024 00:14		YP\AJ	Ok
25	I.BLK		FF014857.D	31 Oct 2024 00:42		YP\AJ	Ok
26	50 PPM TRPH STD		FF014858.D	31 Oct 2024 01:39		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF103124

Review By	yogesh	Review On	10/31/2024 11:36:22 AM
Supervise By	Ankita	Supervise On	11/4/2024 9:30:24 AM
SubDirectory	FF103124	HP Acquire Method	HP Processing Method FF102124

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23611,PP23613,PP23614,PP23615,PP23616
CCC Internal Standard/PEM	PP23613
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23612,PP23617

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF014859.D	31 Oct 2024 05:53		YP\AJ	Ok
2	I.BLK		FF014860.D	31 Oct 2024 06:21		YP\AJ	Ok
3	50 PPM TRPH STD		FF014861.D	31 Oct 2024 06:50		YP\AJ	Ok
4	RT MARKER		FF014862.D	31 Oct 2024 07:18		YP\AJ	Ok
5	P4599-06		FF014863.D	31 Oct 2024 08:24		YP\AJ	Ok
6	P4599-08		FF014864.D	31 Oct 2024 09:30		YP\AJ	Ok
7	P4599-09		FF014865.D	31 Oct 2024 09:58		YP\AJ	Ok
8	I.BLK		FF014866.D	31 Oct 2024 10:26		YP\AJ	Ok
9	50 PPM TRPH STD		FF014867.D	31 Oct 2024 10:55		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133188

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
P4599-01	EX-1-TPH-1	1	1.15	8.84	9.99	8.33	81.2	
P4599-02	EX-1-TPH-2	2	1.15	8.38	9.53	8.01	81.9	
P4599-03	EX-1-TPH-3	3	1.18	8.79	9.97	8.64	84.9	
P4599-04	EX-1-TPH-4	4	1.19	8.75	9.94	8.75	86.4	
P4599-05	EX-1-TPH-5	5	1.12	8.86	9.98	8.57	84.1	
P4599-06	EX-1-TPH-6	6	1.17	8.61	9.78	8.25	82.2	
P4599-07	EX-1-TPH-7	7	1.18	8.66	9.84	8.34	82.7	
P4599-08	EX-1-TPH-8	8	1.18	8.66	9.84	8.49	84.4	
P4599-09	EX-1-TPH-9	9	1.15	8.81	9.96	8.94	88.4	
P4601-19	COPI0	10	1.14	8.82	9.96	7.38	70.7	
P4601-20	COPI2	11	1.18	8.42	9.6	9.15	94.7	
P4601-21	COPI6	12	1.14	8.64	9.78	8.53	85.5	
P4601-22	COPI8	13	1.15	8.84	9.99	8.31	81.0	
P4601-23	COPI9	14	1.18	8.63	9.81	8.68	86.9	
P4601-24	CC0P1	15	1.13	8.70	9.83	9.42	95.3	
P4601-25	CC0P3	16	1.13	8.61	9.74	8.68	87.7	
P4601-26	CC0P5	17	1.17	8.55	9.72	8.77	88.9	
P4601-27	CC0P7	18	1.18	8.33	9.51	8.51	88.0	
P4601-28	CC0P9	19	1.15	8.56	9.71	8.71	88.3	
P4601-29	CC0Q1	20	1.17	8.53	9.7	8.68	88.0	
P4601-30	CC0Q6	21	1.16	8.69	9.85	9.22	92.8	
P4601-31	CC0Q8	22	1.16	8.50	9.66	8.35	84.6	
P4601-32	CC0R3	23	1.17	8.56	9.73	7.84	77.9	
P4601-33	CC0R4	24	1.16	8.42	9.58	7.19	71.6	
P4601-34	CC0R5	25	1.18	8.77	9.95	9.55	95.4	
P4601-35	CC0R6	26	1.14	8.62	9.76	9.25	94.1	
P4601-36	CC0R7	27	1.15	8.37	9.52	7.95	81.2	
P4601-37	P4601-36MS	28	1.15	8.37	9.52	7.95	81.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133188

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
P4601-38	P4601-36MSD	29	1.15	8.37	9.52	7.95	81.2	
P4602-19	C0P17	30	1.17	8.65	9.82	9.06	91.2	
P4602-21	CC0P2	31	1.15	8.78	9.93	9.58	96.0	
P4602-22	CC0P4	32	1.14	8.41	9.55	9.17	95.5	
P4602-23	CC0P6	33	1.14	8.64	9.78	9.11	92.2	
P4602-24	CC0P8	34	1.18	8.57	9.75	8.71	87.9	
P4602-25	CC0Q0	35	1.16	8.40	9.56	8.7	89.8	
P4602-26	CC0Q2	36	1.13	8.54	9.67	8.43	85.5	
P4602-27	CC0Q3	37	1.13	8.47	9.6	6.8	66.9	
P4602-28	CC0Q4	38	1.16	8.42	9.58	7.84	79.3	
P4602-29	CC0Q5	39	1.15	8.38	9.53	7.64	77.4	
P4602-30	CC0Q7	40	1.15	8.78	9.93	8.61	85.0	
P4602-31	CC0Q9	41	1.14	8.79	9.93	9.57	95.9	
P4602-32	CC0R0	42	1.13	8.83	9.96	8.82	87.1	
P4602-33	CC0R1	43	1.15	8.66	9.81	7.9	77.9	
P4602-34	CC0R2	44	1.15	8.64	9.79	7.53	73.8	
P4602-37	CC0P0	45	1.15	8.57	9.72	9.1	92.8	
P4602-38	P4602-38MS	46	1.15	8.57	9.72	9.1	92.8	
P4602-39	P4602-38MSD	47	1.15	8.57	9.72	9.1	92.8	
P4602-40	CC0R6	48	1.15	8.62	9.77	9.3	94.5	
P4602-41	P4602-40MS	49	1.15	8.62	9.77	9.3	94.5	
P4602-42	P4602-40MSD	50	1.15	8.62	9.77	9.3	94.5	
P4602-43	CC0R8	51	1.15	8.41	9.56	8.85	91.6	
P4602-44	P4602-43MS	52	1.15	8.41	9.56	8.85	91.6	
P4602-45	P4602-43MSD	53	1.15	8.41	9.56	8.85	91.6	
P4605-01	TAPIAL2-SED02-102824-00-T2	54	1.16	8.51	9.67	8.99	92.0	
P4605-02	TAPIAL2-SED01-102824-00-T2	55	1.15	8.46	9.61	8.41	85.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133188

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
P4605-03	TAPIAL3-SED01-102824-00-T2	56	1.17	8.61	9.78	8.85	89.2	
P4605-04	TAPHHA-SED01-102824-00-T2	57	1.15	8.43	9.58	8.32	85.1	
P4605-05	TAPHHA-SED02-102824-00-T2	58	1.15	8.65	9.8	5.88	54.7	
P4605-06	TAPLPR-SED11-102824-00-T2	59	1.16	8.50	9.66	7.76	77.6	
P4606-01	1	60	1.00	1.00	2.00	2.00	100.0	caluk
P4611-01	TP-1	61	1.18	8.80	9.98	9.52	94.8	
P4611-02	TP-1-E2	62	1.15	8.82	9.97	9.33	92.7	
P4611-04	TP-2	63	1.17	8.37	9.54	9.16	95.5	
P4611-05	TP-2-E2	64	1.12	8.45	9.57	9.33	97.2	
P4611-07	TP-3	65	1.15	8.47	9.62	9.35	96.8	
P4611-08	TP-3-E2	66	1.15	8.59	9.74	9.47	96.9	
P4611-10	TP-4	67	1.19	8.50	9.69	9.22	94.5	
P4611-11	TP-4-E2	68	1.16	8.50	9.66	9.24	95.1	
P4611-13	TP-5	69	1.14	8.58	9.72	9.33	95.5	
P4611-14	TP-5-E2	70	1.19	8.47	9.66	9.31	95.9	
P4611-16	TP-6	71	1.16	8.53	9.69	9.32	95.7	
P4611-17	TP-6-E2	72	1.15	8.63	9.78	9.39	95.5	
P4612-01	W029020-1-1	73	1.00	1.00	2.00	2.00	100.0	oilc
P4612-02	W029020-1-2	74	1.00	1.00	2.00	2.00	100.0	oilc
P4612-03	MOO-24-00335	75	1.15	8.54	9.69	9.38	96.4	
P4612-05	CONCRETE-PAD	76	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4613-01	ARS20-0001	77	1.17	8.71	9.88	8.88	88.5	
P4614-01	NB-07-102924	78	1.17	8.80	9.97	8.43	82.5	
P4614-02	NB-07-102924-E2	79	1.14	8.74	9.88	8.61	85.5	
P4616-01	BP-F10	80	1.18	8.80	9.98	9.22	91.4	
P4616-02	BP-F10-EPH	81	1.17	8.53	9.7	8.71	88.4	
P4616-05	BP-F9-MOVED	82	1.15	8.80	9.95	8.93	88.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133188

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
P4616-06	BP-F9-MOVED-EPH	83	1.16	8.67	9.83	8.83	88.5	
P4617-01	RO-SOIL	84	1.13	8.65	9.78	9.1	92.1	
P4617-02	RO-SOIL-E2	85	1.18	8.48	9.66	9.13	93.8	
P4617-03	CONCRETE-PILE	86	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4618-01	HR-01-102924	87	1.15	8.46	9.61	9.22	95.4	
P4618-02	HR-01-102924-E2	88	1.15	8.83	9.98	9.62	95.9	
P4618-03	HR-04-102924	89	1.15	8.69	9.84	9.5	96.1	
P4618-04	HR-04-102924-E2	90	1.14	8.61	9.75	9.46	96.6	
P4619-01	SU-03-102924	91	1.15	8.57	9.72	9.05	92.2	
P4619-02	SU-03-102924-E2	92	1.17	8.36	9.53	8.8	91.3	
P4619-03	SU-04-102924	93	1.17	8.70	9.87	8.86	88.4	
P4619-04	SU-04-102924-E2	94	1.13	8.47	9.6	8.67	89.0	

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

WORKLIST(Hardcopy Internal Chain)

133188

WorkList Name : %1-102924 WorkList ID : 184886 Department : Wet-Chemistry Date : 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4599-01	EX-1-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-02	EX-1-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-03	EX-1-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-04	EX-1-TPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-05	EX-1-TPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-06	EX-1-TPH-6	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-07	EX-1-TPH-7	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-08	EX-1-TPH-8	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-09	EX-1-TPH-9	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4601-19	C0P10	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-20	C0P12	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-21	C0P16	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-22	C0P18	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-23	C0P19	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-24	CC0P1	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-25	CC0P3	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-26	CC0P5	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-27	CC0P7	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-28	CC0P9	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-29	CC0Q1	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-30	CC0Q6	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO

Date/Time 10/29/24 15:00
 Raw Sample Received by: 80 w/c
 Raw Sample Relinquished by: CP 80 w/c

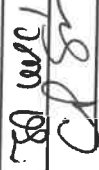
Date/Time 10/29/24 17:10
 Raw Sample Received by: CP 80 w/c
 Raw Sample Relinquished by: 80 w/c

WORKLIST(Hardcopy Internal Chain)

133188

WorkList Name : %1-102924 WorkList ID : 184886 Department : Wet-Chemistry Date : 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4601-31	CC0Q8	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-32	CC0R3	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-33	CC0R4	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-34	CC0R5	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-35	CC0R6	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-36	CC0R7	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-37	P4601-36MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-38	P4601-36MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4602-19	C0P17	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-21	CC0P2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-22	CC0P4	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-23	CC0P6	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-24	CC0P8	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-25	CC0Q0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-26	CC0Q2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-27	CC0Q3	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-28	CC0Q4	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-29	CC0Q5	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-30	CC0Q7	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-31	CC0Q9	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-32	CC0R0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO

Date/Time	10/29/24	15:00	Date/Time	10/29/24	17:10
Raw Sample Received by:			Raw Sample Received by:		
Raw Sample Relinquished by:			Raw Sample Relinquished by:		

WORKLIST(Hardcopy Internal Chain)

133188

WorkList Name : %1-102924 WorkList ID : 184886 Department : Wet-Chemistry Date : 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4602-33	CC0R1	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-34	CC0R2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-37	CC0P0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-38	P4602-38MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-39	P4602-38MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-40	CC0R6	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-41	P4602-40MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-42	P4602-40MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-43	CC0R8	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-44	P4602-43MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-45	P4602-43MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4605-01	TAPIAL2-SED02-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-02	TAPIAL2-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-03	TAPIAL3-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-04	TAPHHA-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-05	TAPHHA-SED02-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-06	TAPLPR-SED11-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4606-01	1	Solid	Percent Solids	Cool 4 deg C	ATCE02	K63	10/26/2024	Chemtech -SO
P4611-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-02	TP-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO

Date/Time: 10/29/24 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WY 133188

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-102924 WorkList ID : 184886 Department : Wet-Chemistry Date : 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4611-05	TP-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-07	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-08	TP-3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-10	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-11	TP-4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-13	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-14	TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-16	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-17	TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-01	W029020-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-02	W029020-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-03	MOO-24-00335	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-05	CONCRETE-PAD	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4613-01	ARS20-0001	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4614-01	NB-07-102924	Solid	Percent Solids	Cool 4 deg C	PSEG03	K62	10/29/2024	Chemtech -SO
P4614-02	NB-07-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4616-01	BP-F10	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4616-02	BP-F10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4616-05	BP-F9-MOVED	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4616-06	BP-F9-MOVED-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4617-01	RO-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO

Date/Time

10/29/24

15:10

Raw Sample Received by:

WCC

CP gm

Raw Sample Relinquished by:

WCC

WCC

Date/Time

10/29/24

15:10

Raw Sample Received by:

WCC

CP gm

Raw Sample Relinquished by:

WCC

WCC

WORKLIST(Hardcopy Internal Chain)

133188

WorkList Name : %1-102924 WorkList ID : 184886 Department : Wet-Chemistry Date : 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4617-02	RO-SOIL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4617-03	CONCRETE-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4618-01	HR-01-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-02	HR-01-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-03	HR-04-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-04	HR-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4619-01	SU-03-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4619-02	SU-03-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4619-03	SU-04-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4619-04	SU-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO

Date/Time 10/29/24 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/29/24 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	N/A	Extraction Start Date :	10/30/2024
Matrix :	Solid	Extraction Start Time :	08:00
Weigh By:	EH	Extraction By:	RS
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
		Supervisor By :	rajesh
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	PP23518
Spike Sol 1	1.0ML	20 PPM	PP23454
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Baked Na2SO4	N/A	EP2551
Sand	N/A	E2865
Methylene Chloride	N/A	E3822
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673.

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

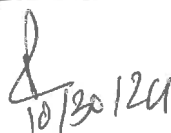
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/24	Lp (Est. Lab)	T-P. Pest/PCD
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/30/2024

Sample ID	Client Sample ID	Test	6 mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164527BL	PB164527BL	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1			U1-1
PB164527BS	PB164527BS	Diesel Range Organics	30.02	N/A	ritesh	Evelyn	1			2
P4599-01	EX-1-TPH-1	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	E		3
P4599-02	EX-1-TPH-2	Diesel Range Organics	30.09	N/A	ritesh	Evelyn	1	E		4
P4599-03	EX-1-TPH-3	Diesel Range Organics	30.07	N/A	ritesh	Evelyn	1	E		5
P4599-04	EX-1-TPH-4	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	E		6
P4599-05	EX-1-TPH-5	Diesel Range Organics	30.08	N/A	ritesh	Evelyn	1	E		U5-1
P4599-06	EX-1-TPH-6	Diesel Range Organics	30.10	N/A	ritesh	Evelyn	1	E		2
P4599-07	EX-1-TPH-7	Diesel Range Organics	30.04	N/A	ritesh	Evelyn	1	E		3
P4599-07MS	EX-1-TPH-7MS	Diesel Range Organics	30.01	N/A	ritesh	Evelyn	1	E		4
P4599-07MS D	EX-1-TPH-7MSD	Diesel Range Organics	30.09	N/A	ritesh	Evelyn	1	E		5
P4599-08	EX-1-TPH-8	Diesel Range Organics	30.05	N/A	ritesh	Evelyn	1	E		6
P4599-09	EX-1-TPH-9	Diesel Range Organics	30.03	N/A	ritesh	Evelyn	1	E		U6-1

* Extracts relinquished on the same date as received.



16521
10/26/24

WORKLIST(Hardcopy Internal Chain)

Worklist Name : P4599D Worklist ID : 184929 Department : Extraction Date : 10-30-2024 08:21:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4599-01	EX-1-TPH-1	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-02	EX-1-TPH-2	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-03	EX-1-TPH-3	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-04	EX-1-TPH-4	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-05	EX-1-TPH-5	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-06	EX-1-TPH-6	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-07	EX-1-TPH-7	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-08	EX-1-TPH-8	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D
P4599-09	EX-1-TPH-9	Solid	Diesel Range Organics	Cool 4 deg C	ENTA05	K63	10/28/2024	8015D

Date/Time 10/30/24 8:50
Raw Sample Received by: PJ (Sot lug)
Raw Sample Relinquished by: JTC (sm)

Date/Time 10/30/24 8:20
Raw Sample Received by: JTC (sm)
Raw Sample Relinquished by: PJ (Sot lug)



SHIPPING DOCUMENTS



p4599

NO. 1 OF 1

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD											
LOCATION	ENTACT LLC		PROJECT	North Point														
ATTN	Wyatt Seel		BILLING INFORMATION															
ADDRESS	150 Bay Street, Suite 801		BILL TO	ENTACT LLC														
Jersey City, NJ			ADDRESS	999 Oakmont Plaza Drive Suite 300														
			Westmont, IL 60559															
PHONE	419-266-4671		PHONE	630-986-2900														
FAX			FAX			PO#	E9306											
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH DRO & GRO (8015)										COMMENTS
EX-1-TPH-1	TPH	10/28	12:15	Soil	G	Teracore / 8oz	2	X										
EX-1-TPH-2	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-3	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-4	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-5	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-6	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-7	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-8	TPH	10/28	12:15	Soil	G		2	X										
EX-1-TPH-9	TPH	10/28	12:15	Soil	G		2	X										
SAMPLER		W. Seel		SHIPMENT		courier		AIRBILL										
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: Temp P.O.																
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY		DATE		3. RELINQUISHED BY		DATE								
SIGNATURE: [Signature]				SIGNATURE: [Signature]		10-28-2024		SIGNATURE:										
PRINTED NAME/COMPANY: Wyatt Seel / ENTACT		10/28		PRINTED NAME/COMPANY: Lawrence Center Chemfah		1710		PRINTED NAME/COMPANY:										
1. RECEIVED BY		DATE		2. RECEIVED BY		DATE		3. RECEIVED BY		DATE								
SIGNATURE: [Signature]		10-28-24		SIGNATURE:				SIGNATURE:										
PRINTED NAME/COMPANY: Lawrence Center		1530		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:										



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4599	ENTA05	Order Date : 10/28/2024 3:59:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 10/28/2024 12:00:00 AM 17:10	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4599-01	EX-1-TPH-1	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-02	EX-1-TPH-2	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-03	EX-1-TPH-3	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-04	EX-1-TPH-4	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-05	EX-1-TPH-5	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-06	EX-1-TPH-6	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-07	EX-1-TPH-7	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-08	EX-1-TPH-8	Solid	10/28/2024	12:15					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4599	ENTA05	Order Date : 10/28/2024 3:59:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 10/28/2024 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 17:10	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-09	EX-1-TPH-9	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days

Received on 10/28/29 @ 1530
Placed in SM-REF

Relinquished By :

Date / Time : 10/29/24 0840

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room