

Cover Page

Order ID : Q1290

Project ID : 305 Central Ave, West Caldwell

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q1290-01
Q1290-02
Q1290-03
Q1290-04
Q1290-05
Q1290-06
Q1290-07

Client Sample Number

WASTE
VOC
1
2
3
4
5

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

Signature : _____

Date: 2/11/2025



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

CASE NARRATIVE

Sciacca General Contractors, LLC
Project Name: 305 Central Ave, West Caldwell
Project # N/A
Chemtech Project # Q1290
Test Name: TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 02/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH_F2, TPH GC and VOC-TCLVOA-10. This data package contains results for TPH GC.

C. Analytical Techniques:

The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS {Q1290-01MS} with File ID: FG015364.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[23.3%] Due to matrix interference.

The MSD {Q1290-01MSD} with File ID: FG015365.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[23.2%] Due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

Samples WASTE was diluted due to bad matrix.

E. Additional Comments:

The soil samples results are based on a dry weight basis.



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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1290

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 02/11/2025

LAB CHRONICLE

OrderID: Q1290	OrderDate: 2/4/2025 2:25:00 PM
Client: Sciacca General Contractors, LLC	Project: 305 Central Ave, West Caldwell
Contact: Rosanne Scirica	Location: D11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1290-01	WASTE	SOIL	TPH GC	8015D	02/04/25	02/07/25	02/07/25	02/04/25
Q1290-03	1	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-04	2	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-05	3	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-06	4	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-07	5	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25



QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Chemtech Client: Sciacca General Contractors, LLC
Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG015358.D	79				0
PIBLK-FG015367.D	81				0
PB166607BL	79				0
PB166607BS	75				0
WASTE	84				0
WASTEMS	61				0
WASTEMSD	62				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 TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q1290 **SAS No :** Q1290 **SDG No:** Q1290
Client SampleID : WASTEMS **Datafile:** FG015364.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	12899	114000	117000	23%	*	68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q1290 **SAS No :** Q1290 **SDG No:** Q1290
Client SampleID : WASTEMSD **Datafile:** FG015365.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	12912	114000	117000	23%	*	68-131

MS/MSD % Recovery RPD : 0.4

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q1290 **SAS No :** Q1290 **SDG No:** Q1290
Matrix Spike - EPA Sample No : PB166607BS **Datafile:** FG015362.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
Petroleum Hydrocarbons	11330	0	10429	92	68-131

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166607BL

Lab Name: CHEMTECH

Contract: SCIA01

Lab Code: CHEM Case No.: Q1290

SAS No.: Q1290 SDG NO.: Q1290

Lab File ID: FG015361.D

Lab Sample ID: PB166607BL

Instrument ID: FG

Date Extracted: 02/07/2025

Matrix: (soil/water) Soil

Date Analyzed: 02/07/25

Level: (low/med) low

Time Analyzed: 16:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166607BS	PB166607BS	FG015362.D	02/07/25
WASTEMS	Q1290-01MS	FG015364.D	02/07/25
WASTEMSD	Q1290-01MSD	FG015365.D	02/07/25
WASTE	Q1290-01	FG015366.D	02/07/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	02/04/25	
Project:	305 Central Ave, West Caldwell		Date Received:	02/04/25	
Client Sample ID:	WASTE		SDG No.:	Q1290	
Lab Sample ID:	Q1290-01		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	87.6	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015366.D	10	02/07/25 08:13	02/07/25 18:43	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	117000		3630	32300	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.67		37 - 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_G\Data\FG020725\
Data File : FG015366.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 18:43
Operator : YP\AJ
Sample : Q1290-01 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WASTE

Integration File: autoint1.e
Quant Time: Feb 08 05:58:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	214571	1.673 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

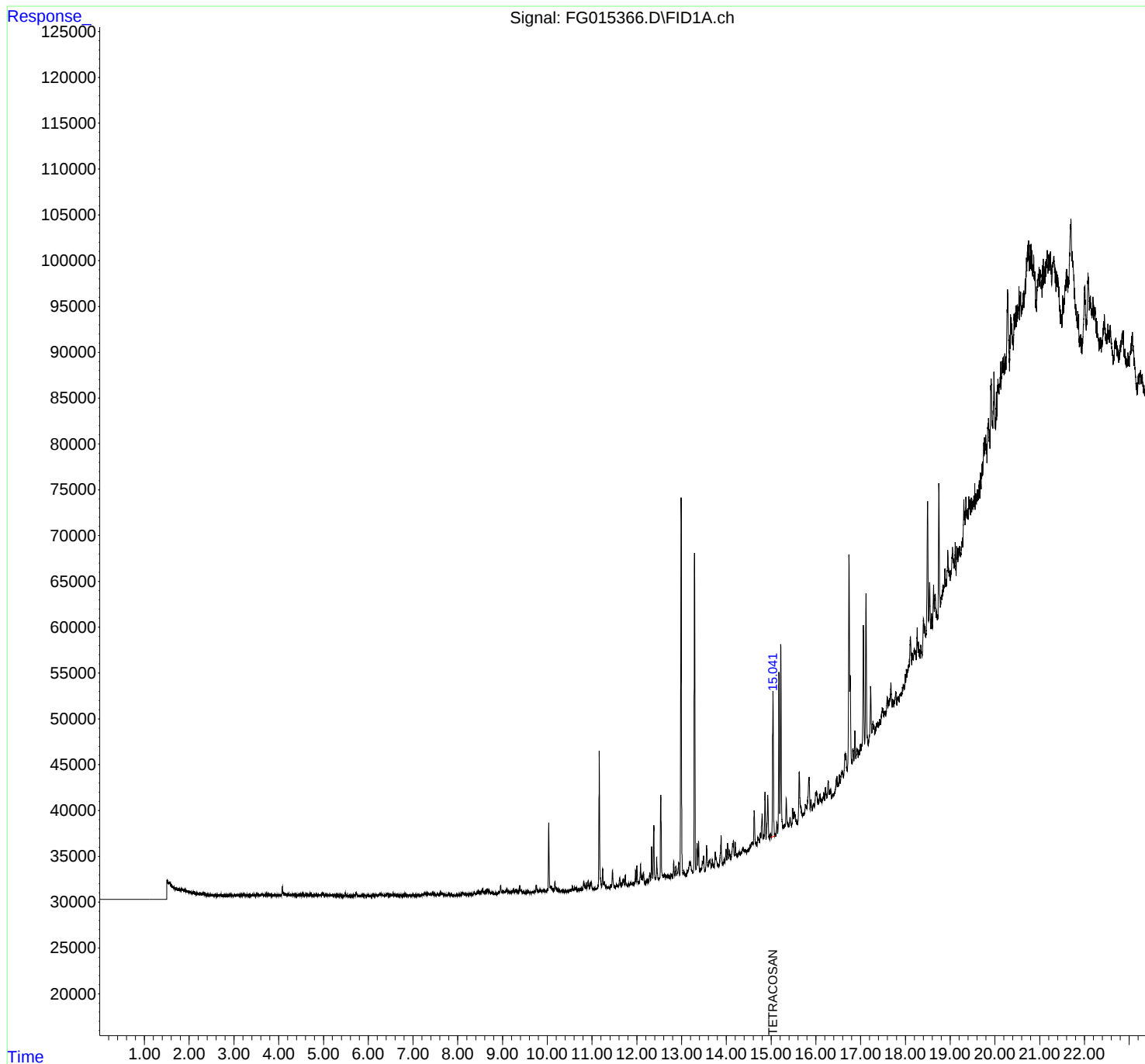
(m)=manual int.

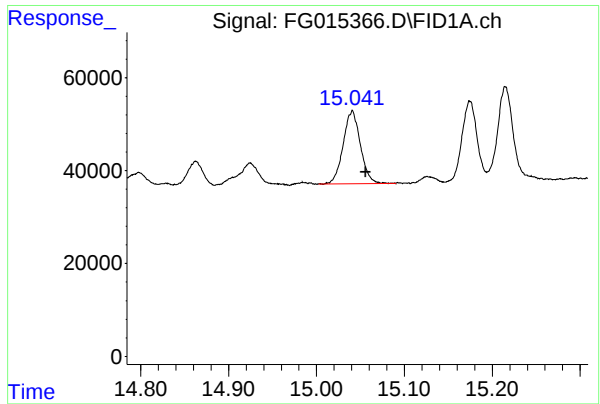
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015366.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 18:43
Operator : YP\AJ
Sample : Q1290-01 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
WASTE

Integration File: autoint1.e
Quant Time: Feb 08 05:58:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.015 min
Response: 214571
Conc: 1.67 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTE

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015366.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 18:43
 Sample : Q1290-01 10X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.919	1.906	1.960	BV	110	-792	-0.05%	-0.002%
2	1.963	1.960	1.986	PV	56	-1370	-0.09%	-0.003%
3	1.992	1.986	2.021	PV	-20	-2399	-0.15%	-0.006%
4	2.026	2.021	2.070	PV	-49	-5359	-0.33%	-0.013%
5	2.088	2.070	2.099	PV	-104	-3725	-0.23%	-0.009%
6	2.115	2.099	2.128	PV	-94	-3731	-0.23%	-0.009%
7	2.130	2.128	2.134	PV	-152	-947	-0.06%	-0.002%
8	2.140	2.134	2.144	PV	-233	-1513	-0.09%	-0.004%
9	2.150	2.144	2.164	PV	-190	-3118	-0.19%	-0.008%
10	2.168	2.164	2.180	PV	-198	-2959	-0.18%	-0.007%
11	2.181	2.180	2.187	PV	-190	-1124	-0.07%	-0.003%
12	2.200	2.187	2.235	PV	-185	-9309	-0.58%	-0.023%
13	2.246	2.235	2.267	PV	-201	-5258	-0.33%	-0.013%
14	2.272	2.267	2.278	PV	-313	-2118	-0.13%	-0.005%
15	2.306	2.278	2.316	PV	-200	-7118	-0.44%	-0.018%
16	2.320	2.316	2.325	PV	-257	-1419	-0.09%	-0.003%
17	2.329	2.325	2.348	PV	-170	-4611	-0.29%	-0.011%
18	2.355	2.348	2.371	PV	-365	-5681	-0.35%	-0.014%
19	2.375	2.371	2.383	PV	-391	-2953	-0.18%	-0.007%
20	2.386	2.383	2.397	PV	-410	-3732	-0.23%	-0.009%
21	2.401	2.397	2.445	PV	-409	-12791	-0.79%	-0.031%
22	2.447	2.445	2.462	PV	-377	-4784	-0.30%	-0.012%
23	2.464	2.462	2.470	PV	-446	-2388	-0.15%	-0.006%
24	2.475	2.470	2.493	PV	-388	-5971	-0.37%	-0.015%
25	2.499	2.493	2.509	PV	-400	-4401	-0.27%	-0.011%
26	2.513	2.509	2.542	PV	-468	-9390	-0.58%	-0.023%
27	2.546	2.542	2.563	PV	-422	-6051	-0.38%	-0.015%
28	2.579	2.563	2.599	PV	-271	-10127	-0.63%	-0.025%
29	2.606	2.599	2.611	PV	-376	-3512	-0.22%	-0.009%
30	2.615	2.611	2.626	PV	-487	-4698	-0.29%	-0.012%
31	2.633	2.626	2.637	PV	-383	-3383	-0.21%	-0.008%
32	2.652	2.637	2.677	PV	-450	-12261	-0.76%	-0.030%
33	2.687	2.677	2.721	PV	-337	-12209	-0.76%	-0.030%
34	2.725	2.721	2.735	PV	-446	-4506	-0.28%	-0.011%
35	2.742	2.735	2.755	PV	-404	-6210	-0.39%	-0.015%
36	2.761	2.755	2.780	PV	-464	-7715	-0.48%	-0.019%

					rteres			
37	2.786	2.780	2.796	PV	-448	-4771	-0.30%	-0.012%
38	2.810	2.796	2.840	PV	-369	-12895	-0.80%	-0.032%
39	2.856	2.840	2.876	PV	-449	-11258	-0.70%	-0.028%
40	2.900	2.876	2.915	PV	-410	-10956	-0.68%	-0.027%
41	2.921	2.915	2.944	PV	-405	-8075	-0.50%	-0.020%
42	2.951	2.944	2.961	PV	-440	-5075	-0.32%	-0.012%
43	2.972	2.961	2.994	PV	-425	-9955	-0.62%	-0.025%
44	3.005	2.994	3.011	PV	-402	-4757	-0.30%	-0.012%
45	3.017	3.011	3.028	PV	-388	-4733	-0.29%	-0.012%
46	3.033	3.028	3.040	PV	-408	-3384	-0.21%	-0.008%
47	3.051	3.040	3.065	PV	-408	-7407	-0.46%	-0.018%
48	3.069	3.065	3.081	PV	-389	-4295	-0.27%	-0.011%
49	3.085	3.081	3.095	PV	-407	-3834	-0.24%	-0.009%
50	3.099	3.095	3.109	PV	-434	-3876	-0.24%	-0.010%
51	3.124	3.109	3.131	PV	-377	-6019	-0.37%	-0.015%
52	3.137	3.131	3.143	PV	-414	-3309	-0.21%	-0.008%
53	3.146	3.143	3.155	PV	-428	-3536	-0.22%	-0.009%
54	3.172	3.155	3.179	PV	-415	-6386	-0.40%	-0.016%
55	3.191	3.179	3.202	PV	-393	-5981	-0.37%	-0.015%
56	3.205	3.202	3.236	PV	-417	-8950	-0.56%	-0.022%
57	3.239	3.236	3.254	PV	-386	-4887	-0.30%	-0.012%
58	3.289	3.254	3.299	PV	-353	-11786	-0.73%	-0.029%
59	3.302	3.299	3.307	PV	-402	-2327	-0.14%	-0.006%
60	3.313	3.307	3.317	PV	-468	-2753	-0.17%	-0.007%
61	3.322	3.317	3.334	PV	-434	-4804	-0.30%	-0.012%
62	3.353	3.334	3.380	PV	-433	-13068	-0.81%	-0.032%
63	3.386	3.380	3.392	PV	-394	-3505	-0.22%	-0.009%
64	3.394	3.392	3.397	PV	-427	-1383	-0.09%	-0.003%
65	3.401	3.397	3.407	PV	-422	-2791	-0.17%	-0.007%
66	3.411	3.407	3.442	PV	-439	-9331	-0.58%	-0.023%
67	3.464	3.442	3.471	PV	-370	-7461	-0.46%	-0.018%
68	3.482	3.471	3.486	PV	-403	-4273	-0.27%	-0.011%
69	3.493	3.486	3.498	PV	-389	-3115	-0.19%	-0.008%
70	3.517	3.498	3.552	PV	-367	-14062	-0.87%	-0.035%
71	3.556	3.552	3.572	PV	-307	-5054	-0.31%	-0.012%
72	3.579	3.572	3.582	PV	-417	-2832	-0.18%	-0.007%
73	3.589	3.582	3.602	PV	-410	-5191	-0.32%	-0.013%
74	3.627	3.602	3.647	PV	-349	-10656	-0.66%	-0.026%
75	3.651	3.647	3.662	PV	-391	-3994	-0.25%	-0.010%
76	3.670	3.662	3.680	PV	-414	-4536	-0.28%	-0.011%
77	3.683	3.680	3.700	PV	-397	-5433	-0.34%	-0.013%
78	3.706	3.700	3.713	PV	-376	-3302	-0.21%	-0.008%
79	3.721	3.713	3.770	PV	-373	-14047	-0.87%	-0.035%
80	3.782	3.770	3.826	PV	-381	-15070	-0.94%	-0.037%
81	3.834	3.826	3.849	PV	-466	-6823	-0.42%	-0.017%
82	3.901	3.849	3.929	PV	-384	-21624	-1.34%	-0.053%
83	3.934	3.929	3.966	PV	-425	-10254	-0.64%	-0.025%
84	3.991	3.966	4.016	PV	-369	-13134	-0.82%	-0.032%
85	4.028	4.016	4.056	PV	-431	-11492	-0.71%	-0.028%
86	4.080	4.056	4.122	PV	497	-6010	-0.37%	-0.015%
87	4.136	4.122	4.156	PV	-306	-6851	-0.43%	-0.017%
88	4.175	4.156	4.234	PH	-292	-19447	-1.21%	-0.048%
89	4.308	4.234	4.333	PH	-339	-25371	-1.58%	-0.062%

					rteres			
90	4.342	4.333	4.367	PH	-434	-9295	-0.58%	-0.023%
91	4.374	4.367	4.415	PH	-447	-12874	-0.80%	-0.032%
92	4.423	4.415	4.437	PH	-398	-5946	-0.37%	-0.015%
93	4.446	4.437	4.462	PH	-405	-6829	-0.42%	-0.017%
94	4.470	4.462	4.502	PH	-439	-10917	-0.68%	-0.027%
95	4.539	4.502	4.550	PH	-393	-12321	-0.77%	-0.030%
96	4.569	4.550	4.603	PH	-407	-13723	-0.85%	-0.034%
97	4.609	4.603	4.652	PH	-421	-13067	-0.81%	-0.032%
98	4.658	4.652	4.692	PH	-428	-10986	-0.68%	-0.027%
99	4.708	4.692	4.746	PH	-270	-12907	-0.80%	-0.032%
100	4.762	4.746	4.814	PH	-370	-18112	-1.12%	-0.045%
101	4.822	4.814	4.845	PH	-402	-8170	-0.51%	-0.020%
102	4.855	4.845	4.881	PH	-367	-9440	-0.59%	-0.023%
103	4.892	4.881	4.914	PH	-418	-8813	-0.55%	-0.022%
104	4.973	4.914	5.034	PH	-363	-30331	-1.88%	-0.075%
105	5.041	5.034	5.064	PH	-382	-8213	-0.51%	-0.020%
106	5.078	5.064	5.089	PH	-433	-7053	-0.44%	-0.017%
107	5.092	5.089	5.137	PH	-465	-13833	-0.86%	-0.034%
108	5.171	5.137	5.235	PH	-414	-28174	-1.75%	-0.069%
109	5.246	5.235	5.271	PH	-449	-11036	-0.69%	-0.027%
110	5.280	5.271	5.307	PH	-457	-10681	-0.66%	-0.026%
111	5.321	5.307	5.351	PH	-510	-13636	-0.85%	-0.034%
112	5.367	5.351	5.429	PH	-465	-24984	-1.55%	-0.062%
113	5.437	5.429	5.446	PH	-531	-5487	-0.34%	-0.014%
114	5.486	5.446	5.546	PH	-241	-27894	-1.73%	-0.069%
115	5.552	5.546	5.561	PH	-533	-4903	-0.30%	-0.012%
116	5.582	5.561	5.597	PH	-414	-11739	-0.73%	-0.029%
117	5.616	5.597	5.641	PH	-522	-14410	-0.89%	-0.035%
118	5.652	5.641	5.666	PH	-513	-8220	-0.51%	-0.020%
119	5.688	5.666	5.703	PH	-432	-10878	-0.68%	-0.027%
120	5.726	5.703	5.789	PH	-127	-21118	-1.31%	-0.052%
121	5.799	5.789	5.835	PH	-445	-14411	-0.89%	-0.035%
122	5.870	5.835	5.912	PH	-459	-23535	-1.46%	-0.058%
123	5.927	5.912	5.962	PH	-465	-15326	-0.95%	-0.038%
124	5.982	5.962	6.002	PH	-453	-12441	-0.77%	-0.031%
125	6.011	6.002	6.046	PH	-517	-14038	-0.87%	-0.035%
126	6.064	6.046	6.086	PH	-539	-13085	-0.81%	-0.032%
127	6.120	6.086	6.134	PH	-464	-14618	-0.91%	-0.036%
128	6.162	6.134	6.180	PH	-409	-13497	-0.84%	-0.033%
129	6.187	6.180	6.204	PH	-480	-7351	-0.46%	-0.018%
130	6.228	6.204	6.237	PH	-376	-8980	-0.56%	-0.022%
131	6.260	6.237	6.295	PH	-326	-13654	-0.85%	-0.034%
132	6.304	6.295	6.332	PH	-392	-10052	-0.62%	-0.025%
133	6.340	6.332	6.384	PH	-455	-15225	-0.95%	-0.037%
134	6.433	6.384	6.464	PH	-265	-19921	-1.24%	-0.049%
135	6.486	6.464	6.500	PH	-386	-10014	-0.62%	-0.025%
136	6.510	6.500	6.532	PH	-441	-8914	-0.55%	-0.022%
137	6.556	6.532	6.588	PH	-307	-13776	-0.86%	-0.034%
138	6.603	6.588	6.619	PH	-434	-8402	-0.52%	-0.021%
139	6.636	6.619	6.654	PH	-416	-9454	-0.59%	-0.023%
140	6.688	6.654	6.702	PH	-440	-13777	-0.86%	-0.034%
141	6.720	6.702	6.756	PH	-399	-15993	-0.99%	-0.039%

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142	6.805	6.756	6.831	PH	-321	-20193	-1.25%	-0.050%
143	6.838	6.831	6.854	PH	-443	-6754	-0.42%	-0.017%
144	6.873	6.854	6.904	PH	-385	-14320	-0.89%	-0.035%
145	6.910	6.904	6.933	PH	-471	-8482	-0.53%	-0.021%
146	6.943	6.933	6.970	PH	-506	-11757	-0.73%	-0.029%
147	6.992	6.970	7.029	PH	-392	-17205	-1.07%	-0.042%
148	7.049	7.029	7.082	PH	-425	-15296	-0.95%	-0.038%
149	7.127	7.082	7.161	PH	-381	-22186	-1.38%	-0.055%
150	7.173	7.161	7.199	PH	-352	-10493	-0.65%	-0.026%
151	7.208	7.199	7.219	PH	-332	-4550	-0.28%	-0.011%
152	7.254	7.219	7.266	PH	-236	-9206	-0.57%	-0.023%
153	7.283	7.266	7.332	PH	-278	-12905	-0.80%	-0.032%
154	7.351	7.332	7.380	PH	-228	-9505	-0.59%	-0.023%
155	7.399	7.380	7.422	PH	-250	-8478	-0.53%	-0.021%
156	7.443	7.422	7.479	PH	-119	-10745	-0.67%	-0.026%
157	7.491	7.479	7.519	PH	-271	-8772	-0.54%	-0.022%
158	7.538	7.519	7.551	PH	-318	-7097	-0.44%	-0.017%
159	7.560	7.551	7.585	PH	-395	-8272	-0.51%	-0.020%
160	7.606	7.585	7.623	PH	-224	-6940	-0.43%	-0.017%
161	7.639	7.623	7.652	PH	-272	-5669	-0.35%	-0.014%
162	7.669	7.652	7.691	PH	-220	-7044	-0.44%	-0.017%
163	7.707	7.691	7.769	PH	-330	-19401	-1.20%	-0.048%
164	7.805	7.769	7.829	PH	-361	-15353	-0.95%	-0.038%
165	7.845	7.829	7.887	PH	-401	-15125	-0.94%	-0.037%
166	7.894	7.887	7.926	PH	-385	-10828	-0.67%	-0.027%
167	7.933	7.926	7.946	PH	-450	-5812	-0.36%	-0.014%
168	7.958	7.946	7.971	PH	-433	-6834	-0.42%	-0.017%
169	7.977	7.971	7.996	PH	-393	-6414	-0.40%	-0.016%
170	8.007	7.996	8.032	PH	-392	-9400	-0.58%	-0.023%
171	8.041	8.032	8.062	PH	-424	-7916	-0.49%	-0.019%
172	8.095	8.062	8.115	PH	-217	-9121	-0.57%	-0.022%
173	8.123	8.115	8.179	PH	-211	-12441	-0.77%	-0.031%
174	8.203	8.179	8.231	PH	-334	-11774	-0.73%	-0.029%
175	8.247	8.231	8.267	PH	-274	-7785	-0.48%	-0.019%
176	8.295	8.267	8.336	PH	-277	-14013	-0.87%	-0.035%
177	8.372	8.336	8.417	PH	-74	-12849	-0.80%	-0.032%
178	8.474	8.417	8.488	PH	-36	-6298	-0.39%	-0.016%
179	8.505	8.488	8.517	PH	-141	-3089	-0.19%	-0.008%
180	8.553	8.517	8.596	PH	289	-2941	-0.18%	-0.007%
181	8.615	8.596	8.642	PH	32	-2818	-0.18%	-0.007%
182	8.661	8.642	8.692	PH	183	1209	0.08%	0.003%
183	8.703	8.692	8.735	PH	-27	-3100	-0.19%	-0.008%
184	8.752	8.735	8.764	PH	-165	-3797	-0.24%	-0.009%
185	8.771	8.764	8.782	PH	-214	-2700	-0.17%	-0.007%
186	8.793	8.782	8.818	PH	-234	-5996	-0.37%	-0.015%
187	8.851	8.818	8.872	PH	-197	-9631	-0.60%	-0.024%
188	8.916	8.872	8.941	PH	-71	-8175	-0.51%	-0.020%
189	8.959	8.941	8.992	PH	605	4045	0.25%	0.010%
190	9.013	8.992	9.062	PH	-22	-3025	-0.19%	-0.007%
191	9.096	9.062	9.126	PH	168	-898	-0.06%	-0.002%
192	9.143	9.126	9.167	PH	-53	-3497	-0.22%	-0.009%
193	9.205	9.167	9.222	PH	-19	-4190	-0.26%	-0.010%
194	9.238	9.222	9.264	PH	234	817	0.05%	0.002%

195	9.299	9.264	9.344	PH	158	-1992	-0.12%	-0.005%
196	9.385	9.344	9.407	PH	525	4801	0.30%	0.012%
197	9.418	9.407	9.455	HH	99	-1241	-0.08%	-0.003%
198	9.476	9.455	9.494	PH	-53	-3497	-0.22%	-0.009%
199	9.531	9.494	9.556	PH	-57	-5354	-0.33%	-0.013%
200	9.571	9.556	9.603	PH	-38	-3010	-0.19%	-0.007%
201	9.615	9.603	9.641	PH	-115	-4148	-0.26%	-0.010%
202	9.666	9.641	9.691	PH	-18	-4133	-0.26%	-0.010%
203	9.717	9.691	9.732	PH	40	-1933	-0.12%	-0.005%
204	9.753	9.732	9.812	PH	656	7113	0.44%	0.018%
205	9.834	9.812	9.875	PH	125	1113	0.07%	0.003%
206	9.908	9.875	9.941	PH	134	-121	-0.01%	-0.000%
207	9.961	9.941	9.976	PH	31	-538	-0.03%	-0.001%
208	10.002	9.976	10.014	PH	257	1838	0.11%	0.005%
209	10.034	10.014	10.066	HH	7413	84639	5.26%	0.208%
210	10.081	10.066	10.144	HH	530	12527	0.78%	0.031%
211	10.170	10.144	10.254	PH	934	18287	1.14%	0.045%
212	10.270	10.254	10.301	PH	104	264	0.02%	0.001%
213	10.321	10.301	10.388	PH	115	-49	-0.00%	-0.000%
214	10.411	10.388	10.425	PH	-38	-1441	-0.09%	-0.004%
215	10.439	10.425	10.461	PH	14	-898	-0.06%	-0.002%
216	10.473	10.461	10.482	PH	85	36	0.00%	0.000%
217	10.507	10.482	10.530	PH	191	2101	0.13%	0.005%
218	10.560	10.530	10.592	PH	527	7465	0.46%	0.018%
219	10.611	10.592	10.625	HH	338	4481	0.28%	0.011%
220	10.643	10.625	10.667	HH	349	6040	0.38%	0.015%
221	10.703	10.667	10.744	HH	234	5878	0.36%	0.014%
222	10.758	10.744	10.789	HH	261	5115	0.32%	0.013%
223	10.815	10.789	10.853	HH	1045	21268	1.32%	0.052%
224	10.872	10.853	10.884	HH	665	6945	0.43%	0.017%
225	10.913	10.884	10.946	HH	1102	22697	1.41%	0.056%
226	10.975	10.946	11.021	HH	874	25832	1.60%	0.064%
227	11.033	11.021	11.047	HH	316	3868	0.24%	0.010%
228	11.062	11.047	11.079	HH	309	4393	0.27%	0.011%
229	11.104	11.079	11.112	HH	279	4466	0.28%	0.011%
230	11.162	11.112	11.217	HH	15271	197311	12.25%	0.486%
231	11.239	11.217	11.259	HH	2373	34015	2.11%	0.084%
232	11.270	11.259	11.361	HH	947	34523	2.14%	0.085%
233	11.366	11.361	11.396	HH	424	7719	0.48%	0.019%
234	11.417	11.396	11.435	HH	680	12237	0.76%	0.030%
235	11.458	11.435	11.506	HH	2235	41352	2.57%	0.102%
236	11.552	11.506	11.576	HH	747	22592	1.40%	0.056%
237	11.618	11.576	11.665	HH	1469	43930	2.73%	0.108%
238	11.704	11.665	11.724	HH	1264	34493	2.14%	0.085%
239	11.743	11.724	11.789	HH	1736	36875	2.29%	0.091%
240	11.815	11.789	11.839	HH	858	20233	1.26%	0.050%
241	11.863	11.839	11.891	HH	960	24531	1.52%	0.060%
242	11.922	11.891	11.942	HH	890	24454	1.52%	0.060%
243	11.969	11.942	11.984	HH	2268	35354	2.20%	0.087%
244	12.002	11.984	12.052	HH	2748	58041	3.60%	0.143%
245	12.084	12.052	12.104	HH	2952	53270	3.31%	0.131%
246	12.118	12.104	12.133	HH	1761	25576	1.59%	0.063%

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247	12.150	12.133	12.185	HH	1993	40998	2.55%	0.101%
248	12.230	12.185	12.251	HH	1366	41098	2.55%	0.101%
249	12.292	12.251	12.309	HH	1963	48405	3.01%	0.119%
250	12.331	12.309	12.359	HH	4807	79961	4.96%	0.197%
251	12.380	12.359	12.411	HH	7105	107028	6.65%	0.264%
252	12.444	12.411	12.492	HH	3654	93821	5.83%	0.231%
253	12.536	12.492	12.607	HH	10422	210651	13.08%	0.519%
254	12.618	12.607	12.641	HH	1763	33412	2.07%	0.082%
255	12.648	12.641	12.666	HH	1640	24149	1.50%	0.059%
256	12.675	12.666	12.686	HH	1588	18492	1.15%	0.046%
257	12.706	12.686	12.739	HH	1681	50007	3.10%	0.123%
258	12.762	12.739	12.802	HH	1873	62152	3.86%	0.153%
259	12.824	12.802	12.851	HH	3261	64795	4.02%	0.160%
260	12.874	12.851	12.894	HH	2738	55691	3.46%	0.137%
261	12.935	12.894	12.957	HH	3132	84892	5.27%	0.209%
262	12.989	12.957	13.035	HH	42616	545061	33.84%	1.342%
263	13.053	13.035	13.076	HH	2264	48799	3.03%	0.120%
264	13.082	13.076	13.099	HH	1806	24972	1.55%	0.061%
265	13.128	13.099	13.141	HH	2212	49061	3.05%	0.121%
266	13.177	13.141	13.191	HH	3142	79211	4.92%	0.195%
267	13.200	13.191	13.257	HH	3057	95712	5.94%	0.236%
268	13.288	13.257	13.320	HH	36489	461676	28.67%	1.137%
269	13.346	13.320	13.362	HH	5154	91508	5.68%	0.225%
270	13.378	13.362	13.416	HH	5373	107236	6.66%	0.264%
271	13.465	13.416	13.474	HH	3183	89787	5.57%	0.221%
272	13.490	13.474	13.524	HH	3761	89247	5.54%	0.220%
273	13.559	13.524	13.592	HH	4913	135300	8.40%	0.333%
274	13.637	13.592	13.662	HH	3484	128588	7.98%	0.317%
275	13.689	13.662	13.726	HH	3420	109703	6.81%	0.270%
276	13.752	13.726	13.812	HH	4209	171652	10.66%	0.423%
277	13.822	13.812	13.837	HH	2886	43542	2.70%	0.107%
278	13.881	13.837	13.918	HH	5970	190384	11.82%	0.469%
279	13.949	13.918	13.967	HH	3411	92773	5.76%	0.228%
280	13.991	13.967	14.010	HH	4528	98219	6.10%	0.242%
281	14.029	14.010	14.049	HH	5224	98713	6.13%	0.243%
282	14.071	14.049	14.102	HH	4308	123487	7.67%	0.304%
283	14.158	14.102	14.179	HH	5437	209398	13.00%	0.516%
284	14.199	14.179	14.247	HH	5279	174158	10.81%	0.429%
285	14.285	14.247	14.307	HH	4298	144051	8.94%	0.355%
286	14.368	14.307	14.401	HH	4692	243883	15.14%	0.601%
287	14.409	14.401	14.422	HH	4444	57004	3.54%	0.140%
288	14.431	14.422	14.456	HH	4462	87626	5.44%	0.216%
289	14.479	14.456	14.494	HH	4460	100667	6.25%	0.248%
290	14.527	14.494	14.542	HH	5015	134043	8.32%	0.330%
291	14.580	14.542	14.596	HH	5297	166096	10.31%	0.409%
292	14.622	14.596	14.679	HH	8741	302009	18.75%	0.744%
293	14.704	14.679	14.737	HH	5851	192538	11.95%	0.474%
294	14.760	14.737	14.770	HH	6291	114853	7.13%	0.283%
295	14.798	14.770	14.821	HH	8419	213075	13.23%	0.525%
296	14.828	14.821	14.837	HH	6103	59336	3.68%	0.146%
297	14.863	14.837	14.886	HH	10813	224039	13.91%	0.552%
298	14.925	14.886	14.969	HH	10468	359456	22.32%	0.885%
299	14.985	14.969	15.007	HH	6187	139639	8.67%	0.344%

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300	15.040	15.007	15.107	HH	21773	573225	35.59%	1.412%
301	15.127	15.107	15.146	HH	7431	156441	9.71%	0.385%
302	15.175	15.146	15.194	HH	23856	393219	24.42%	0.968%
303	15.215	15.194	15.281	HH	26887	602468	37.41%	1.484%
304	15.294	15.281	15.303	HH	7264	93401	5.80%	0.230%
305	15.337	15.303	15.401	HH	10070	458511	28.47%	1.129%
306	15.422	15.401	15.456	HH	7991	246105	15.28%	0.606%
307	15.481	15.456	15.506	HH	8951	243965	15.15%	0.601%
308	15.517	15.506	15.576	HH	8510	336319	20.88%	0.828%
309	15.627	15.576	15.707	HH	12830	725641	45.06%	1.787%
310	15.766	15.707	15.795	HH	9402	462850	28.74%	1.140%
311	15.843	15.795	15.874	HH	12322	495500	30.77%	1.220%
312	15.890	15.874	15.919	HH	9899	251754	15.63%	0.620%
313	15.953	15.919	15.964	HH	9447	250006	15.52%	0.616%
314	15.995	15.964	16.006	HH	10713	251913	15.64%	0.620%
315	16.012	16.006	16.052	HH	10888	284580	17.67%	0.701%
316	16.089	16.052	16.137	HH	10574	509466	31.63%	1.255%
317	16.176	16.137	16.194	HH	10669	347176	21.56%	0.855%
318	16.213	16.194	16.244	HH	11198	318810	19.80%	0.785%
319	16.274	16.244	16.301	HH	12022	376388	23.37%	0.927%
320	16.321	16.301	16.354	HH	11105	343082	21.30%	0.845%
321	16.389	16.354	16.402	HH	10551	302906	18.81%	0.746%
322	16.469	16.402	16.487	HH	12515	581121	36.08%	1.431%
323	16.495	16.487	16.502	HH	11697	103792	6.44%	0.256%
324	16.525	16.502	16.544	HH	12658	299164	18.58%	0.737%
325	16.583	16.544	16.618	HH	13022	564892	35.07%	1.391%
326	16.648	16.618	16.659	HH	14854	335811	20.85%	0.827%
327	16.669	16.659	16.699	HH	15007	340448	21.14%	0.838%
328	16.739	16.699	16.757	HH	36625	792452	49.20%	1.952%
329	16.766	16.757	16.809	HH	23537	539940	33.53%	1.330%
330	16.832	16.809	16.850	HH	15502	365034	22.67%	0.899%
331	16.871	16.850	16.892	HH	17454	397134	24.66%	0.978%
332	16.921	16.892	16.944	HH	15427	468503	29.09%	1.154%
333	16.959	16.944	16.970	HH	15106	233208	14.48%	0.574%
334	16.994	16.970	17.004	HH	15883	317168	19.69%	0.781%
335	17.061	17.004	17.089	HH	28948	979498	60.82%	2.412%
336	17.118	17.089	17.169	HH	32377	988246	61.36%	2.434%
337	17.223	17.169	17.251	HH	22325	894326	55.53%	2.202%
338	17.275	17.251	17.287	HH	18566	394033	24.47%	0.970%
339	17.297	17.287	17.322	HH	18140	364947	22.66%	0.899%
340	17.356	17.322	17.394	HH	18351	778575	48.34%	1.917%
341	17.429	17.394	17.449	HH	18661	605113	37.57%	1.490%
342	17.482	17.449	17.519	HH	20004	809605	50.27%	1.994%
343	17.547	17.519	17.556	HH	19504	430558	26.73%	1.060%
344	17.593	17.556	17.610	HH	21251	659956	40.98%	1.625%
345	17.623	17.610	17.633	HH	20679	277638	17.24%	0.684%
346	17.674	17.633	17.704	HH	22639	910656	56.54%	2.243%
347	17.716	17.704	17.741	HH	20916	451134	28.01%	1.111%
348	17.781	17.741	17.810	HH	21780	869358	53.98%	2.141%
349	17.847	17.810	17.862	HH	21201	645888	40.10%	1.591%
350	17.889	17.862	17.907	HH	21443	577481	35.86%	1.422%
351	17.954	17.907	17.977	HH	22477	932089	57.87%	2.295%

						rteres		
352	17.995	17.977	18.011	HH	23678	457921	28.43%	1.128%
353	18.022	18.011	18.032	HH	24122	301292	18.71%	0.742%
354	18.111	18.032	18.138	HH	27478	1610552	100.00%	3.966%
355	18.155	18.138	18.166	HH	25887	415559	25.80%	1.023%
356	18.173	18.166	18.180	HH	25595	217248	13.49%	0.535%
357	18.197	18.180	18.212	HH	26306	507693	31.52%	1.250%
358	18.218	18.212	18.240	HH	26182	428631	26.61%	1.056%
359	18.262	18.240	18.281	HH	28743	660256	41.00%	1.626%
360	18.290	18.281	18.307	HH	27138	419558	26.05%	1.033%
361	18.312	18.307	18.329	HH	26363	335567	20.84%	0.826%
362	18.346	18.329	18.372	HH	26692	678818	42.15%	1.672%
363	18.404	18.372	18.429	HH	29662	956661	59.40%	2.356%
364	18.435	18.429	18.455	HH	28845	435451	27.04%	1.072%
365	18.494	18.455	18.519	HH	42337	1300197	80.73%	3.202%
366	18.540	18.519	18.569	HH	33462	921324	57.21%	2.269%
					Sum of corrected areas:		40606372	

FG011325.M Mon Feb 10 00:19:47 2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: SCIA01
 ProjectID: 305 Central Ave, West Caldwell
 Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290

Calibration Sequence : FG011325		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
850	127030037	149447	FG015057.D
340	40811567	120034	FG015058.D
170	22836827	134334	FG015059.D
85	11459490	134818	FG015060.D
1700	199696868	117469	FG015061.D
AVG RF : 131220		% RSD : 9.856	AVG RT : 15.0514

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: SCIA01
ProjectID: 305 Central Ave, West Caldwell
Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290
DataFile: FG015346.D Analyst Name: YP\AJ Analyst Date: 02-07-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	71645067	143290	140262	2.159

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015346.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 07:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Feb 08 05:50:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.046	6663315	51.946 ug/ml
Target Compounds			
2) N-DECANE	4.537	6572521	50.882 ug/ml
3) N-DODECANE	6.720	6957052	51.066 ug/ml
4) N-TETRADECANE	8.557	6970879	50.932 ug/ml
5) N-HEXADECANE	10.173	7256620	51.425 ug/ml
6) N-OCTADECANE	11.623	7596559	51.787 ug/ml
7) N-EICOSANE	12.940	7478364	51.438 ug/ml
8) N-DOCOSANE	14.143	7382113	51.456 ug/ml
10) N-TETRACOSANE	15.251	7317689	51.235 ug/ml
11) N-HEXACOSANE	16.276	7126843	50.602 ug/ml
12) N-OCTACOSANE	17.229	6986427	49.891 ug/ml

(f)=RT Delta > 1/2 Window

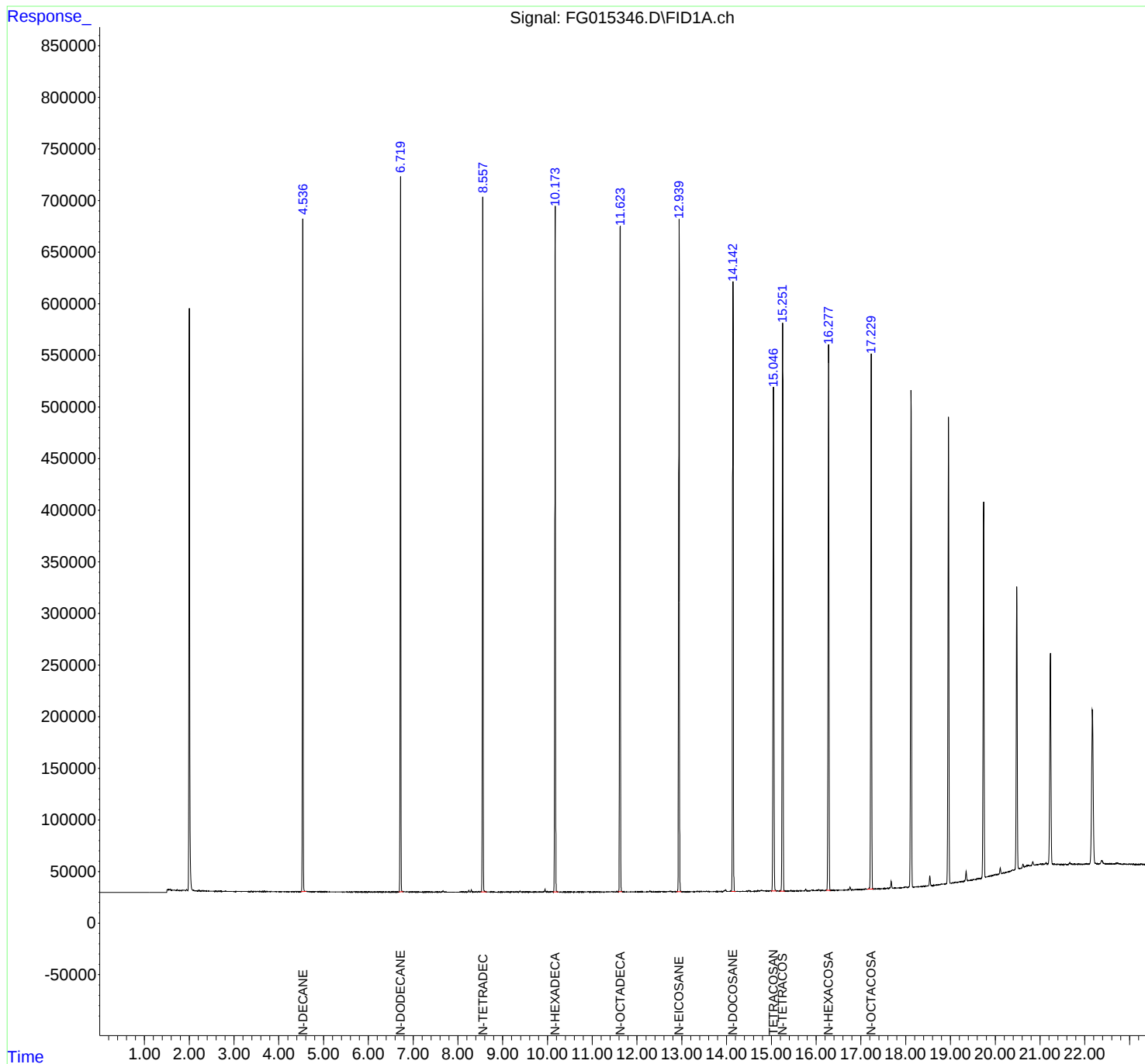
(m)=manual int.

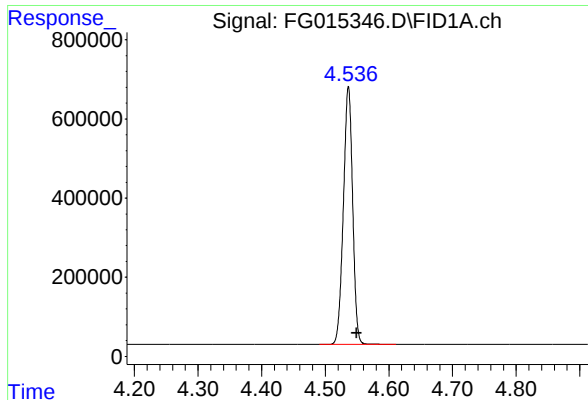
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015346.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 07:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Feb 08 05:50:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

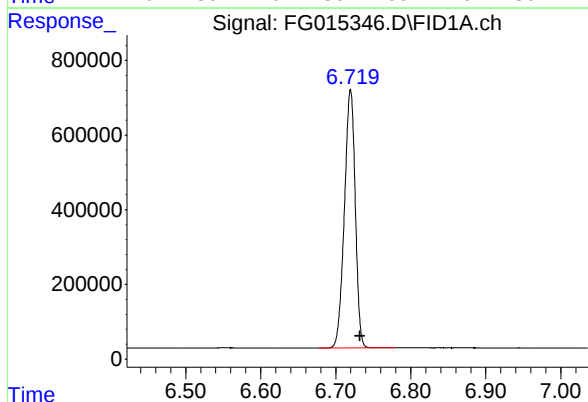




#2 N-DECANE

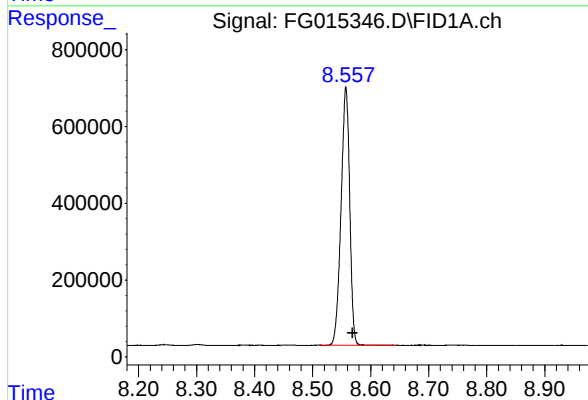
R.T.: 4.537 min
Delta R.T.: -0.013 min
Response: 6572521
Conc: 50.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



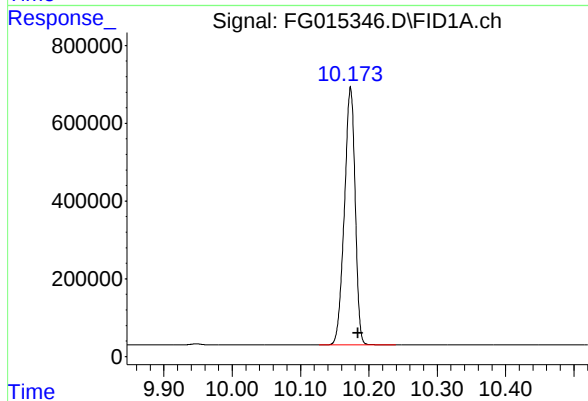
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: -0.013 min
Response: 6957052
Conc: 51.07 ug/ml



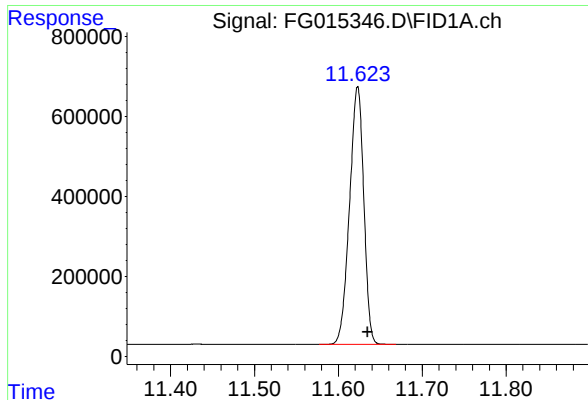
#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 6970879
Conc: 50.93 ug/ml



#5 N-HEXADECANE

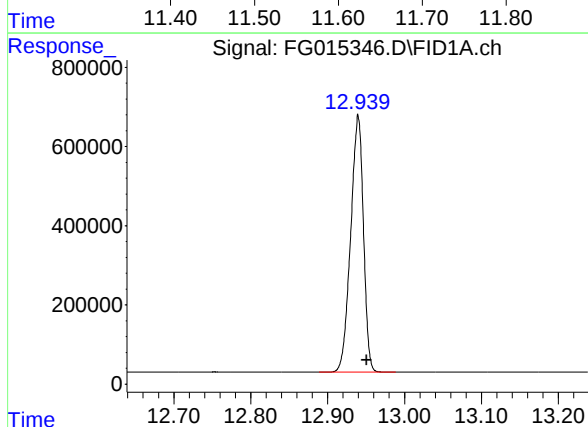
R.T.: 10.173 min
Delta R.T.: -0.011 min
Response: 7256620
Conc: 51.42 ug/ml



#6 N-OCTADECANE

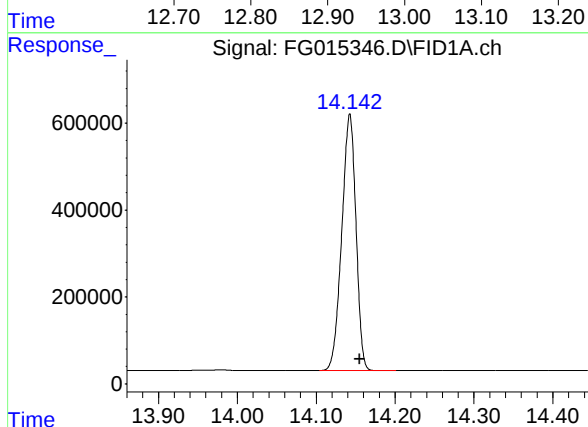
R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 7596559
Conc: 51.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



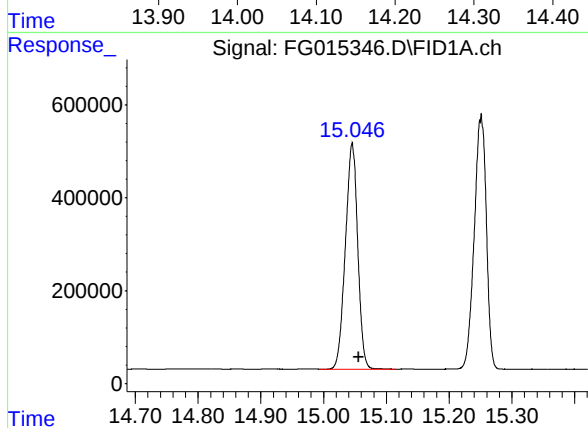
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: -0.011 min
Response: 7478364
Conc: 51.44 ug/ml



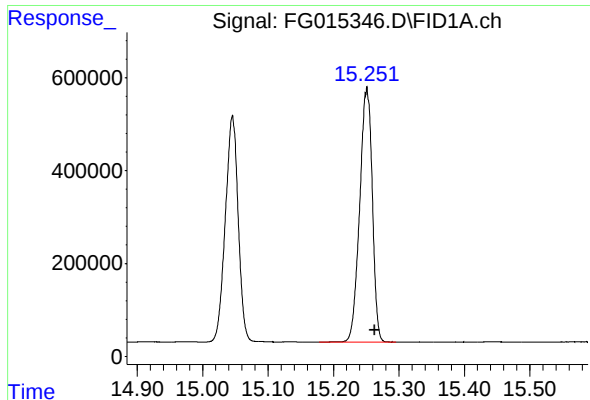
#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 7382113
Conc: 51.46 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

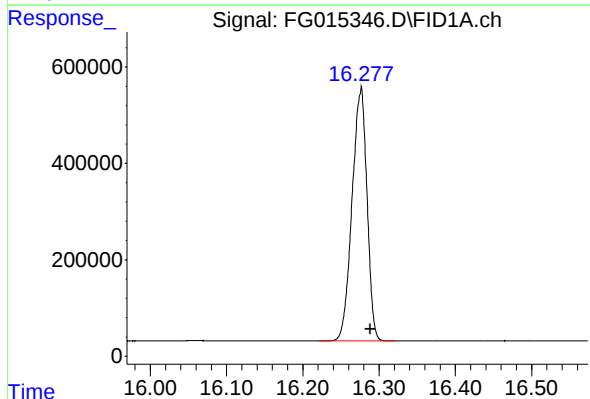
R.T.: 15.046 min
Delta R.T.: -0.011 min
Response: 6663315
Conc: 51.95 ug/ml



#10 N-TETRACOSANE

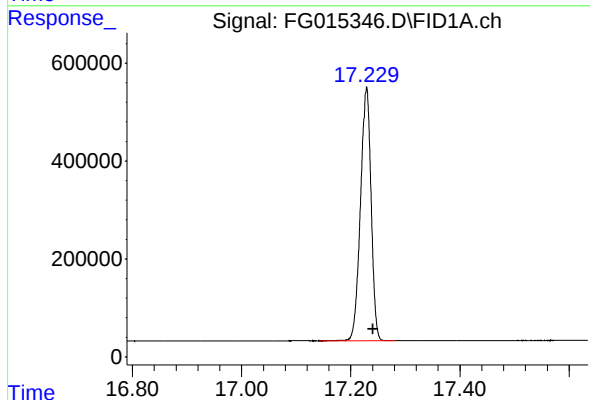
R.T.: 15.251 min
Delta R.T.: -0.012 min
Response: 7317689
Conc: 51.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.012 min
Response: 7126843
Conc: 50.60 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 6986427
Conc: 49.89 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015346.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 07:24
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.537	4.490	4.611	BB	651387	6572521	86.52%	8.393%
2	6.720	6.678	6.780	BB	692575	6957052	91.58%	8.884%
3	8.557	8.511	8.644	BB	672939	6970879	91.76%	8.902%
4	10.173	10.127	10.240	BB	663684	7256620	95.53%	9.267%
5	11.623	11.577	11.669	BB	643980	7596559	100.00%	9.701%
6	12.940	12.889	12.989	BB	648305	7478364	98.44%	9.550%
7	14.143	14.104	14.201	BB	591084	7382113	97.18%	9.427%
8	15.046	14.993	15.115	BV	486652	6663315	87.71%	8.509%
9	15.251	15.178	15.295	BB	550928	7317689	96.33%	9.345%
10	16.276	16.221	16.322	BB	522378	7126843	93.82%	9.101%
11	17.229	17.142	17.283	BB	518481	6986427	91.97%	8.922%
Sum of corrected areas:						78308382		

FG011325.M Sun Feb 09 23:17:06 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: SCIA01
ProjectID: 305 Central Ave, West Caldwell
Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290
DataFile: FG015357.D Analyst Name: YP\AJ Analyst Date: 02-07-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	72141271	144283	140262	2.867

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015357.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 13:02
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Feb 08 05:54:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.045	6672206	52.015 ug/ml
Target Compounds			
2) N-DECANE	4.536	6752034	52.272 ug/ml
3) N-DODECANE	6.720	7068476	51.884 ug/ml
4) N-TETRADECANE	8.557	6994172	51.102 ug/ml
5) N-HEXADECANE	10.172	7218154	51.152 ug/ml
6) N-OCTADECANE	11.623	7539386	51.398 ug/ml
7) N-EICOSANE	12.938	7431760	51.117 ug/ml
8) N-DOCOSANE	14.142	7366511	51.348 ug/ml
10) N-TETRACOSANE	15.250	7354945	51.496 ug/ml
11) N-HEXACOSANE	16.276	7240576	51.410 ug/ml
12) N-OCTACOSANE	17.229	7175257	51.240 ug/ml

(f)=RT Delta > 1/2 Window

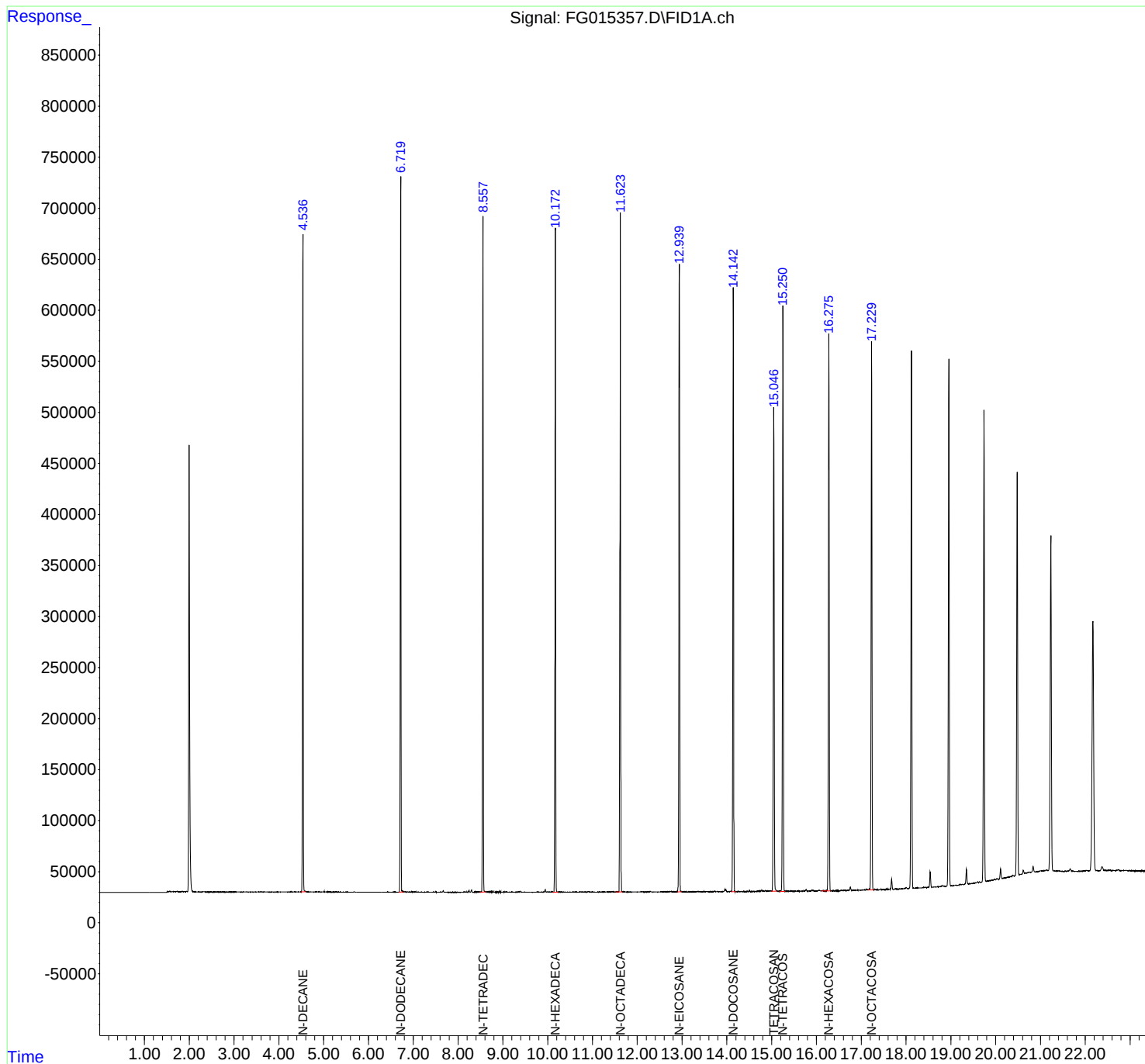
(m)=manual int.

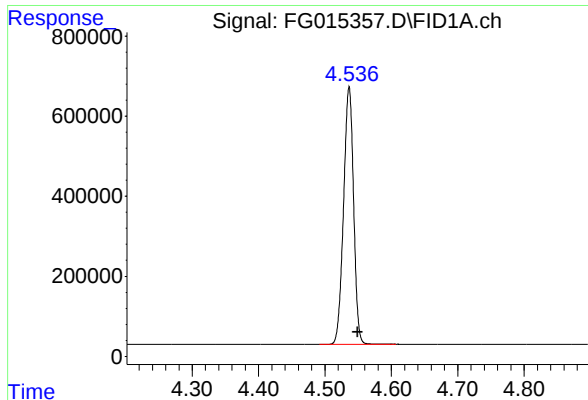
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015357.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 13:02
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Feb 08 05:54:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

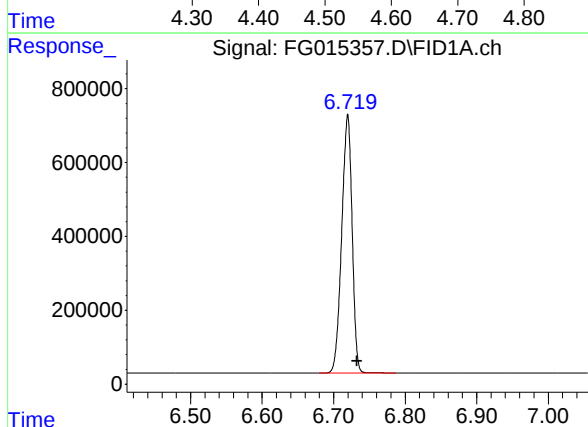




#2 N-DECANE

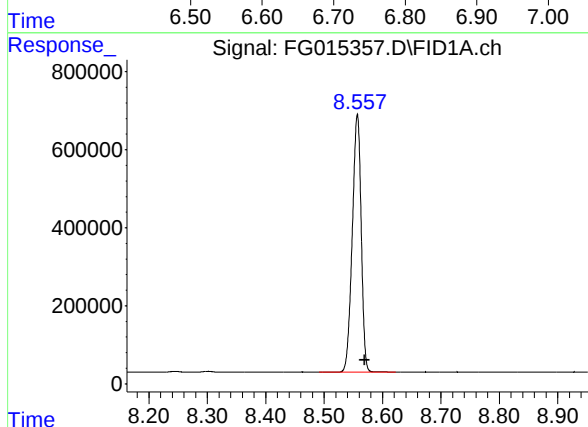
R.T.: 4.536 min
Delta R.T.: -0.013 min
Response: 6752034
Conc: 52.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



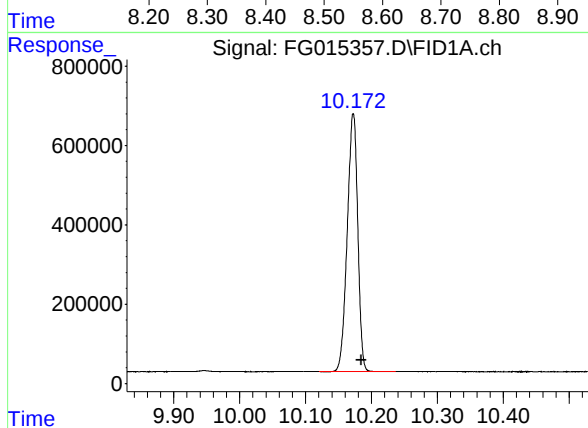
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: -0.013 min
Response: 7068476
Conc: 51.88 ug/ml



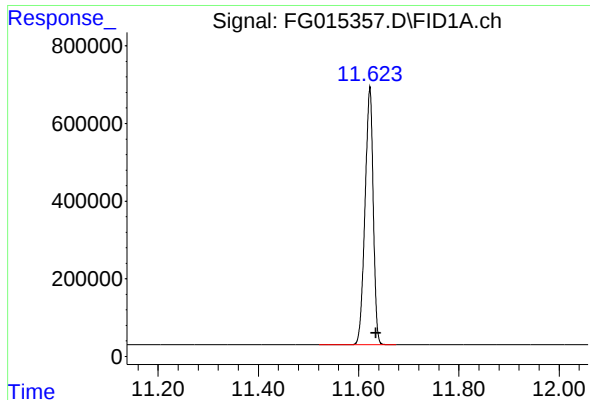
#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 6994172
Conc: 51.10 ug/ml



#5 N-HEXADECANE

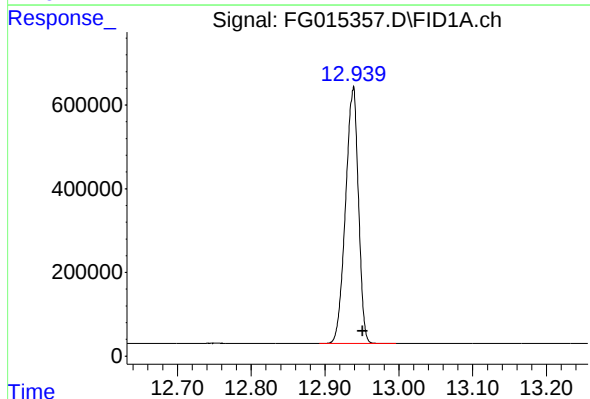
R.T.: 10.172 min
Delta R.T.: -0.012 min
Response: 7218154
Conc: 51.15 ug/ml



#6 N-OCTADECANE

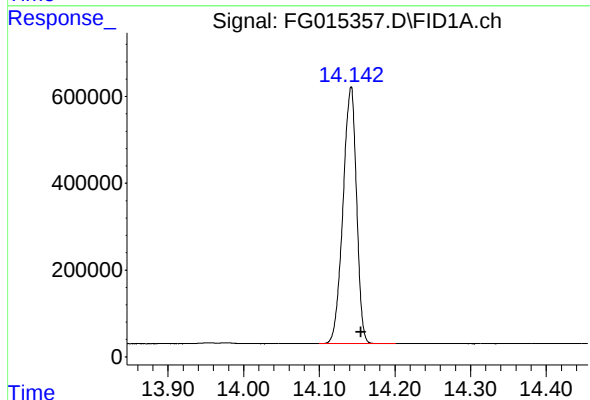
R.T.: 11.623 min
Delta R.T.: -0.013 min
Response: 7539386
Conc: 51.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



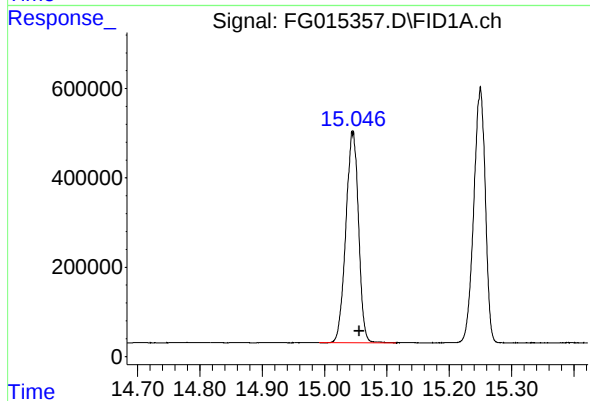
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 7431760
Conc: 51.12 ug/ml



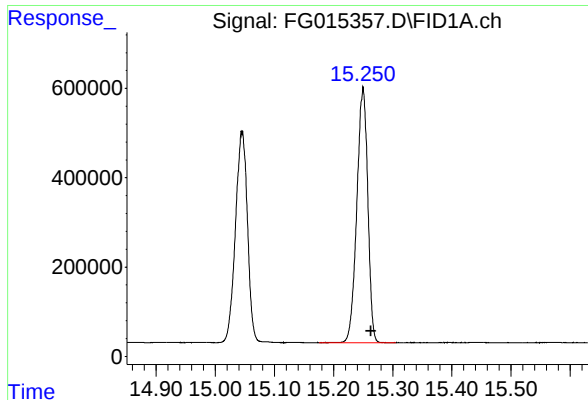
#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 7366511
Conc: 51.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

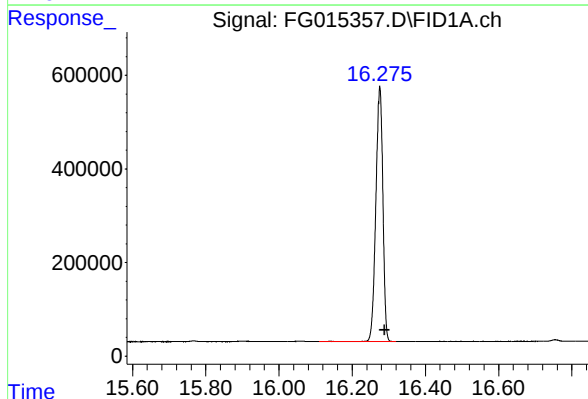
R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 6672206
Conc: 52.02 ug/ml



#10 N-TETRACOSANE

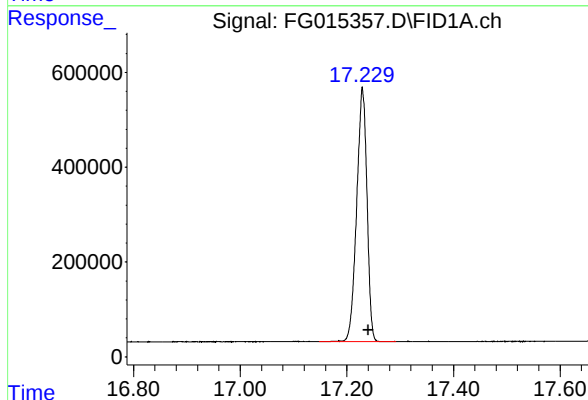
R.T.: 15.250 min
Delta R.T.: -0.013 min
Response: 7354945
Conc: 51.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.013 min
Response: 7240576
Conc: 51.41 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 7175257
Conc: 51.24 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015357.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 13:02
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.536	4.491	4.607	BB	643148	6752034	89.56%	8.567%
2	6.720	6.680	6.787	BB	700100	7068476	93.75%	8.969%
3	8.557	8.491	8.623	BB	661429	6994172	92.77%	8.874%
4	10.172	10.120	10.237	BB	650585	7218154	95.74%	9.159%
5	11.623	11.521	11.675	BB	664379	7539386	100.00%	9.566%
6	12.938	12.892	12.996	BB	612028	7431760	98.57%	9.430%
7	14.142	14.100	14.201	VB	591271	7366511	97.71%	9.347%
8	15.045	14.991	15.115	BV	465391	6672206	88.50%	8.466%
9	15.250	15.175	15.305	BB	573658	7354945	97.55%	9.332%
10	16.276	16.110	16.320	BB	545172	7240576	96.04%	9.187%
11	17.229	17.148	17.292	BB	534202	7175257	95.17%	9.104%
Sum of corrected areas:						78813477		

FG011325.M Sun Feb 09 23:19:15 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: SCIA01
ProjectID: 305 Central Ave, West Caldwell
Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290
DataFile: FG015359.D Analyst Name: YP\AJ Analyst Date: 02-07-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	93941977	110520	131220	15.775

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015359.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 14:28
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Feb 08 05:55:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.044	5691564	44.370 ug/ml
Target Compounds			
1) N-OCTANE	1.997	5655668	46.350 ug/ml
2) N-DECANE	4.535	5821377	45.067 ug/ml
3) N-DODECANE	6.719	6088369	44.690 ug/ml
4) N-TETRADECANE	8.556	6031842	44.071 ug/ml
5) N-HEXADECANE	10.172	6219003	44.071 ug/ml
6) N-OCTADECANE	11.622	6477134	44.156 ug/ml
7) N-EICOSANE	12.938	6363102	43.767 ug/ml
8) N-DOCOSANE	14.142	6284303	43.804 ug/ml
10) N-TETRACOSANE	15.249	6265438	43.868 ug/ml
11) N-HEXACOSANE	16.274	6152884	43.687 ug/ml
12) N-OCTACOSANE	17.227	6098188	43.548 ug/ml
13) N-TRIACONTANE	18.118	6031154	42.393 ug/ml
14) N-DOTRIACONTANE	18.954	5682418	40.885 ug/ml
15) N-TETRATRIACONTANE	19.737	4634185	36.986 ug/ml
16) N-HEXATRIACONTANE	20.478	3652656	33.801 ug/ml
17) N-OCTATRIACONTANE	21.228	3272379	33.175 ug/ml
18) N-TETRACONTANE	22.165	3211877	34.593 ug/ml

(f)=RT Delta > 1/2 Window

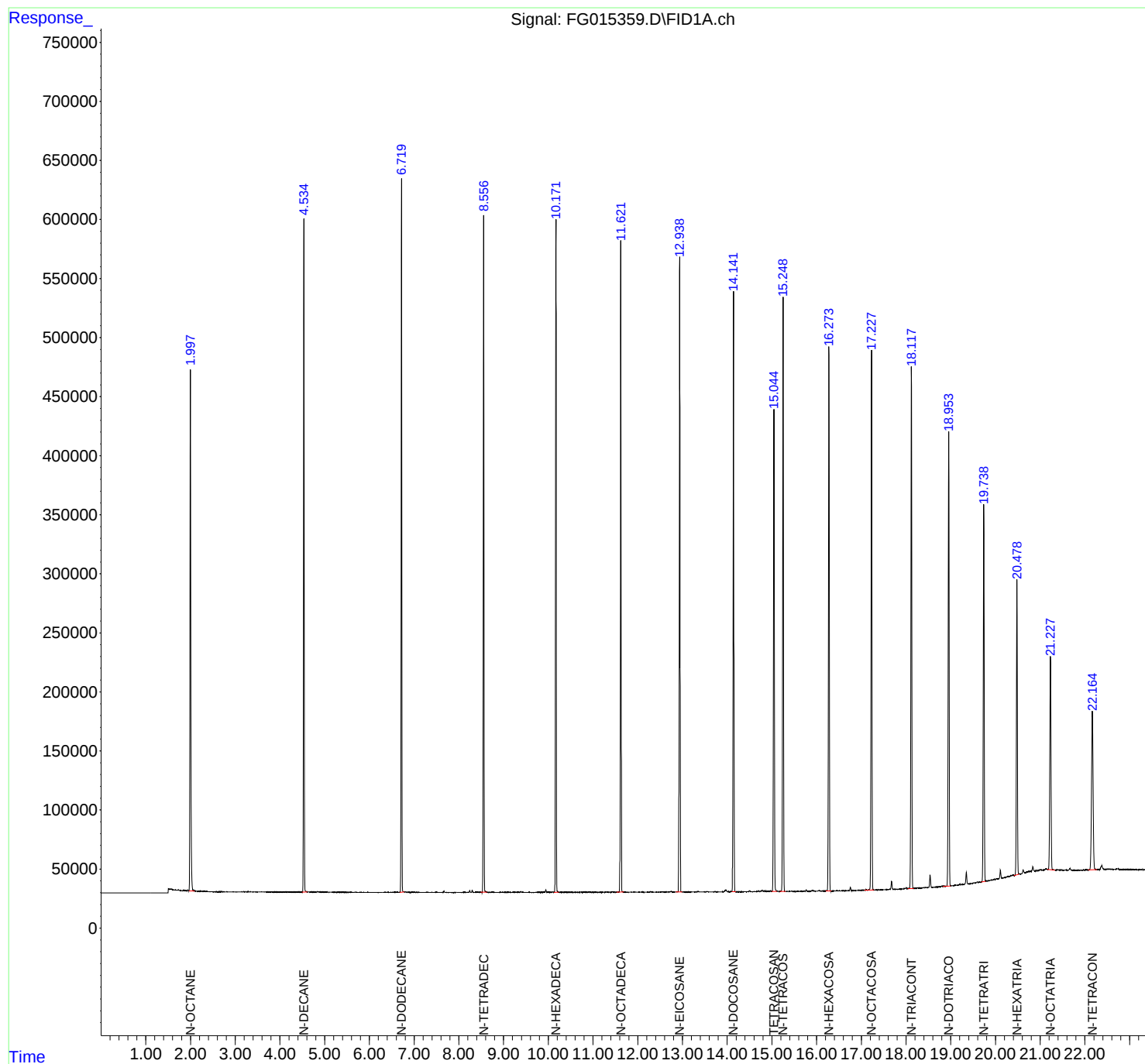
(m)=manual int.

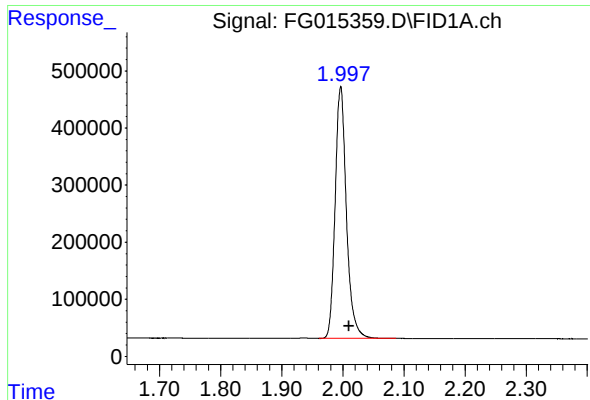
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015359.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 14:28
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Feb 08 05:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

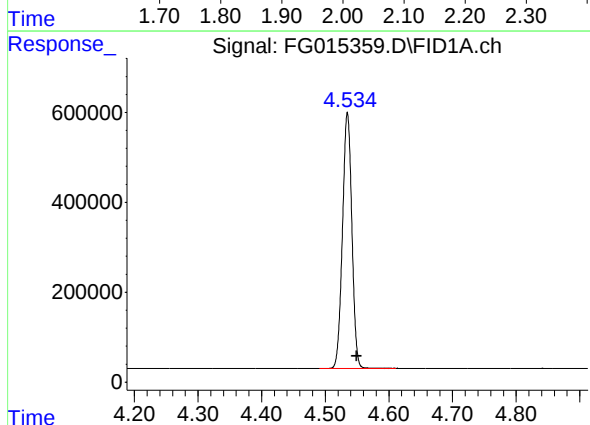




#1 N-OCTANE

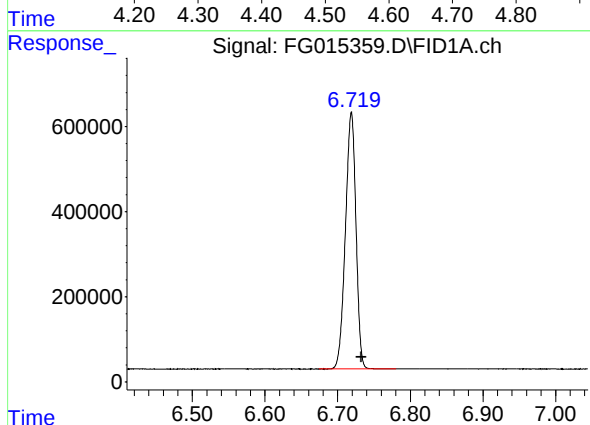
R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 5655668
Conc: 46.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



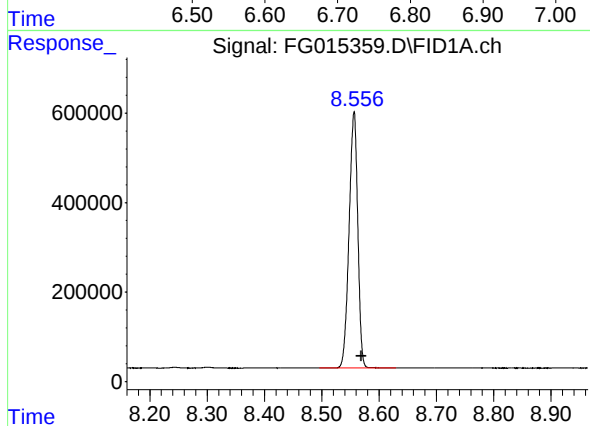
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.014 min
Response: 5821377
Conc: 45.07 ug/ml



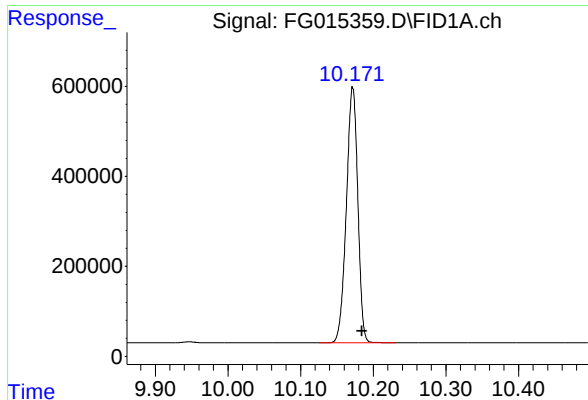
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: -0.014 min
Response: 6088369
Conc: 44.69 ug/ml



#4 N-TETRADECANE

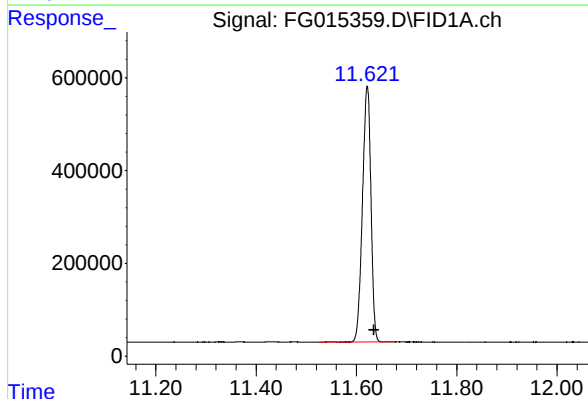
R.T.: 8.556 min
Delta R.T.: -0.013 min
Response: 6031842
Conc: 44.07 ug/ml



#5 N-HEXADECANE

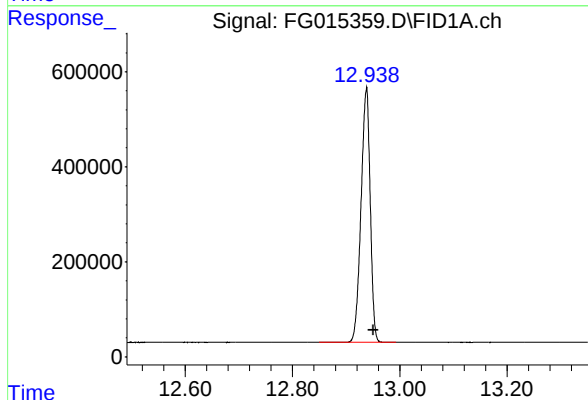
R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 6219003
Conc: 44.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



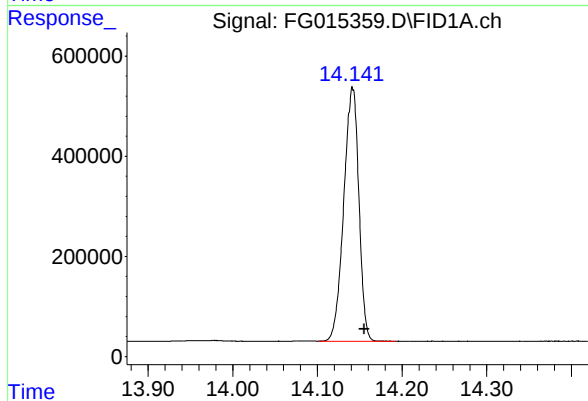
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 6477134
Conc: 44.16 ug/ml



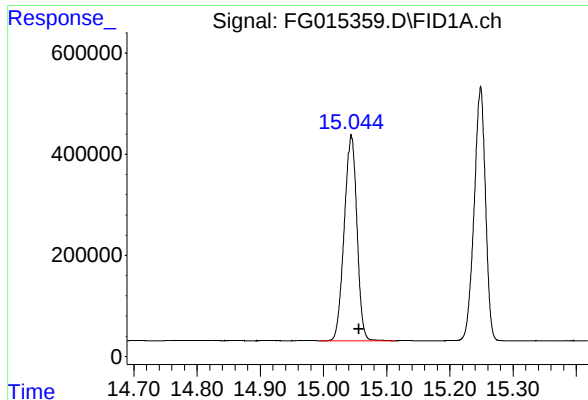
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 6363102
Conc: 43.77 ug/ml



#8 N-DOCOSANE

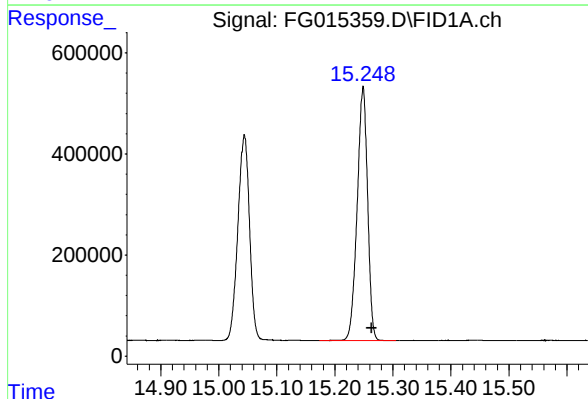
R.T.: 14.142 min
Delta R.T.: -0.014 min
Response: 6284303
Conc: 43.80 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

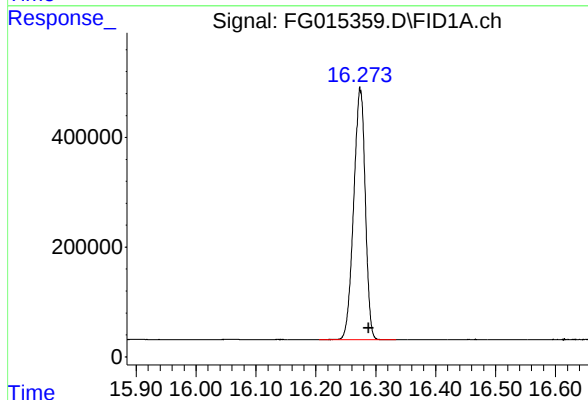
R.T.: 15.044 min
Delta R.T.: -0.012 min
Response: 5691564
Conc: 44.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



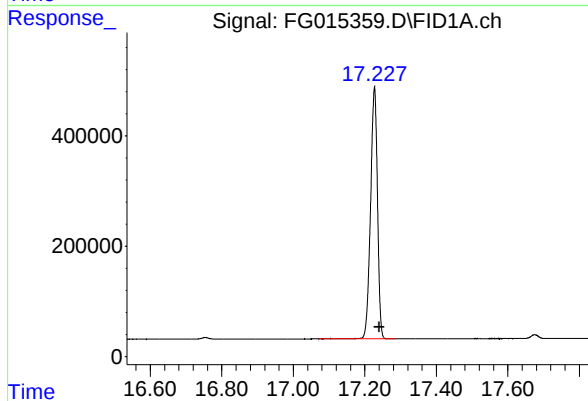
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.014 min
Response: 6265438
Conc: 43.87 ug/ml



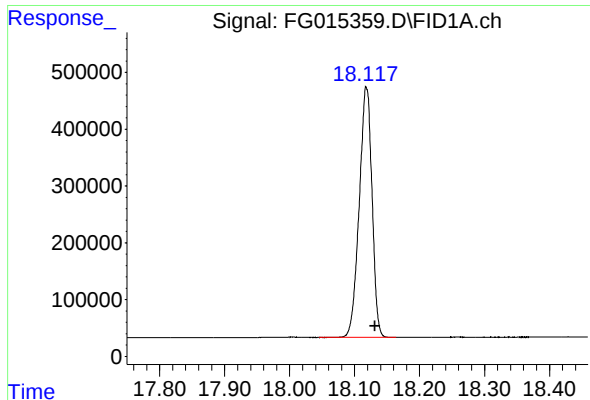
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.014 min
Response: 6152884
Conc: 43.69 ug/ml



#12 N-OCTACOSANE

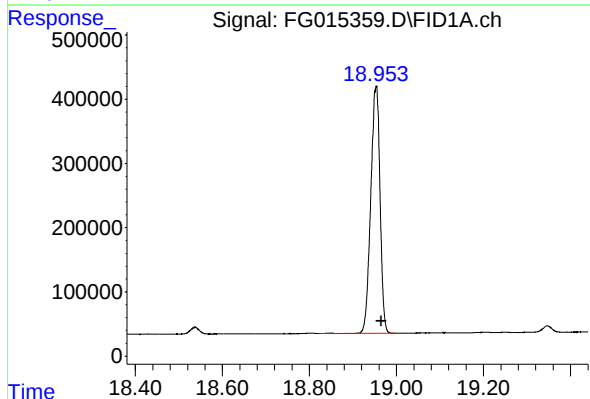
R.T.: 17.227 min
Delta R.T.: -0.013 min
Response: 6098188
Conc: 43.55 ug/ml



#13 N-TRIACONTANE

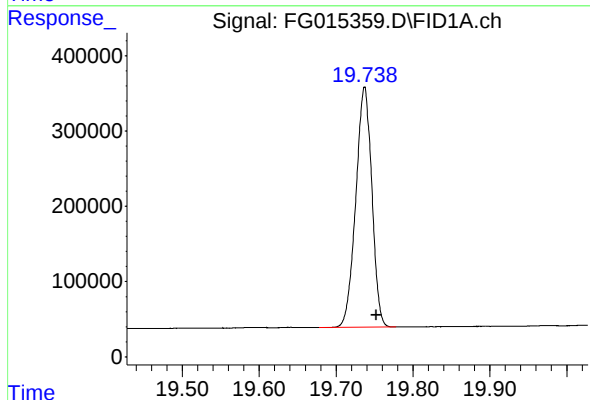
R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 6031154
Conc: 42.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



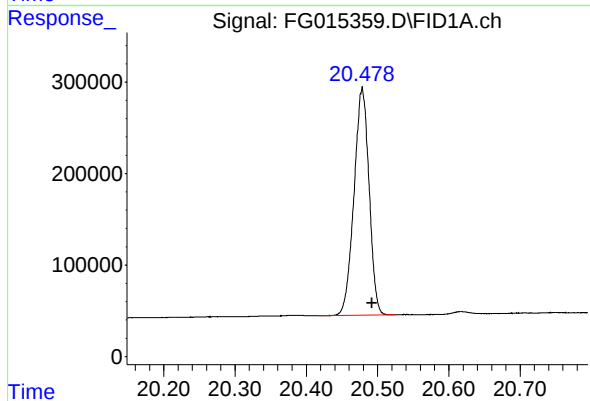
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.012 min
Response: 5682418
Conc: 40.89 ug/ml



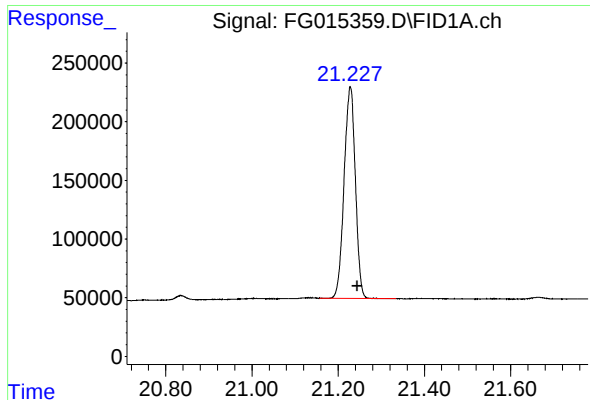
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: -0.015 min
Response: 4634185
Conc: 36.99 ug/ml



#16 N-HEXATRIACONTANE

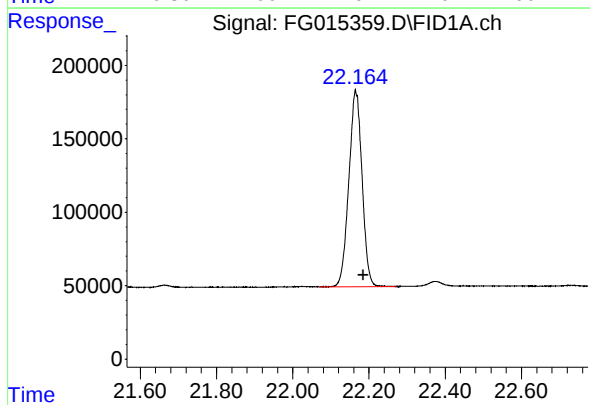
R.T.: 20.478 min
Delta R.T.: -0.014 min
Response: 3652656
Conc: 33.80 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.016 min
Response: 3272379
Conc: 33.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.165 min
Delta R.T.: -0.021 min
Response: 3211877
Conc: 34.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015359.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 14:28
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.997	1.961	2.087	BB	441931	5655668	87.32%	5.676%
2	4.535	4.490	4.611	BB	569411	5821377	89.88%	5.843%
3	6.719	6.675	6.780	BB	603480	6088369	94.00%	6.111%
4	8.556	8.495	8.630	BB	572115	6031842	93.13%	6.054%
5	10.172	10.125	10.231	BB	565300	6219003	96.01%	6.242%
6	11.622	11.525	11.679	BB	551318	6477134	100.00%	6.501%
7	12.938	12.850	12.993	BB	533701	6363102	98.24%	6.387%
8	14.142	14.102	14.193	BB	501281	6284303	97.02%	6.307%
9	15.044	14.993	15.115	BV	405358	5691564	87.87%	5.712%
10	15.249	15.173	15.305	BB	503445	6265438	96.73%	6.288%
11	16.274	16.205	16.334	BB	453620	6152884	94.99%	6.176%
12	17.227	17.072	17.287	BB	456103	6098188	94.15%	6.121%
13	18.118	18.045	18.164	BB	440282	6031154	93.11%	6.053%
14	18.954	18.822	18.999	BB	384714	5682418	87.73%	5.703%
15	19.737	19.678	19.778	BB	318575	4634185	71.55%	4.651%
16	20.478	20.418	20.526	BV	249595	3652656	56.39%	3.666%
17	21.228	21.156	21.334	BB	179783	3272379	50.52%	3.284%
18	22.165	22.069	22.271	BB	134074	3211877	49.59%	3.224%
Sum of corrected areas:							99633542	

FG011325.M Sun Feb 09 23:20:31 2025

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: SCIA01
ProjectID: 305 Central Ave, West Caldwell
Lab Code: CHEM Case No.: Q1290 SAS No.: Q1290 SDG No.: Q1290
DataFile: FG015368.D Analyst Name: YP\AJ Analyst Date: 02-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	127156042	149595	131220	14.003

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015368.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2025 00:29
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Feb 08 05:58:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.047	7126822	55.559 ug/ml
Target Compounds			
1) N-OCTANE	1.996	6883282	56.410 ug/ml
2) N-DECANE	4.535	7631055	59.077 ug/ml
3) N-DODECANE	6.719	7964362	58.460 ug/ml
4) N-TETRADECANE	8.557	7820005	57.136 ug/ml
5) N-HEXADECANE	10.174	7986710	56.598 ug/ml
6) N-OCTADECANE	11.624	8235898	56.146 ug/ml
7) N-EICOSANE	12.939	8029195	55.227 ug/ml
8) N-DOCOSANE	14.145	7887247	54.977 ug/ml
10) N-TETRACOSANE	15.253	7831371	54.832 ug/ml
11) N-HEXACOSANE	16.277	7694191	54.631 ug/ml
12) N-OCTACOSANE	17.231	7636156	54.531 ug/ml
13) N-TRIACONTANE	18.122	7664336	53.872 ug/ml
14) N-DOTRIACONTANE	18.957	7561200	54.403 ug/ml
15) N-TETRATRIACONTANE	19.743	7077463	56.485 ug/ml
16) N-HEXATRIACONTANE	20.484	6620623	61.267 ug/ml
17) N-OCTATRIACONTANE	21.236	6282948	63.695 ug/ml
18) N-TETRACONTANE	22.176	6350000	68.391 ug/ml

(f)=RT Delta > 1/2 Window

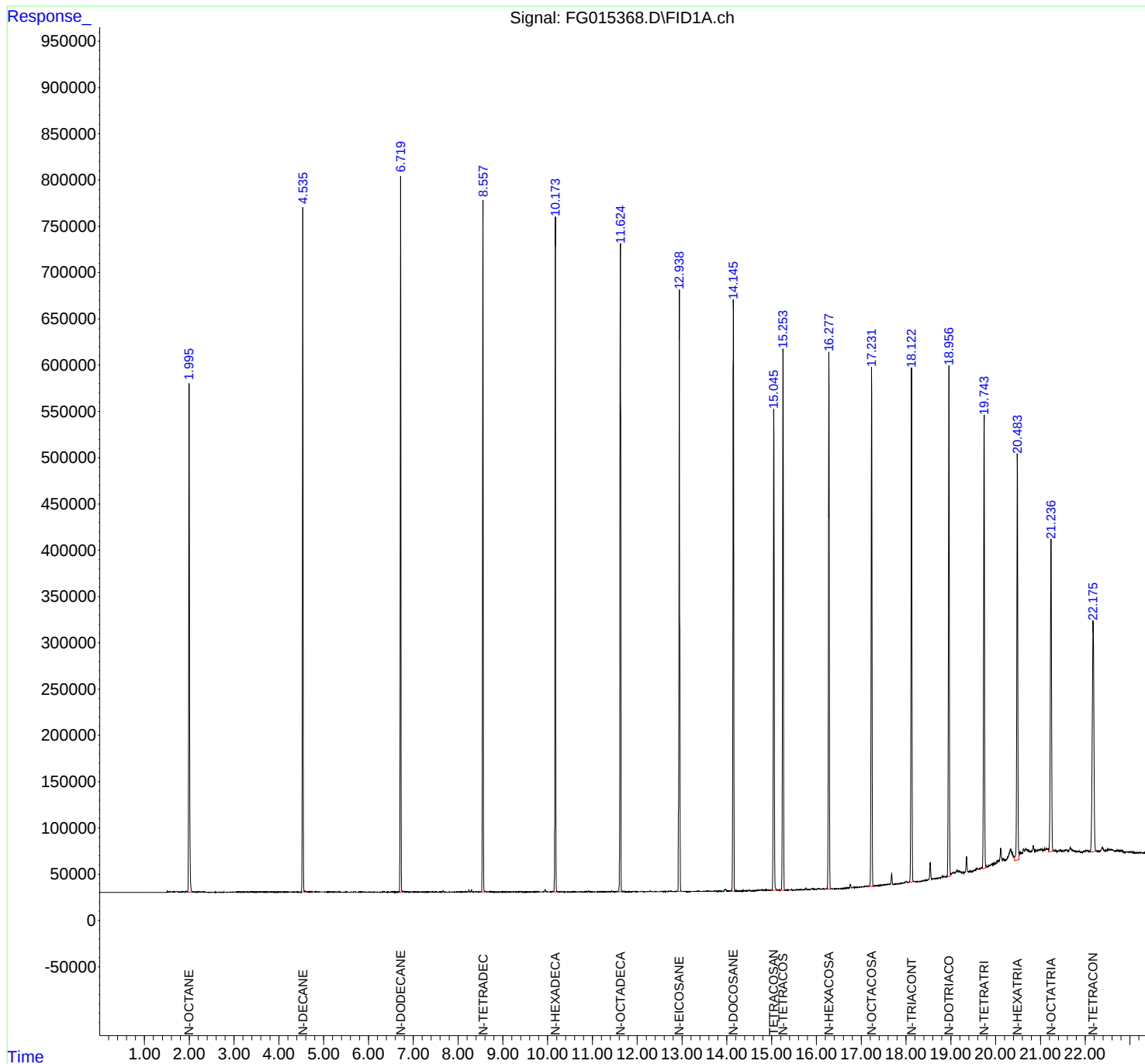
(m)=manual int.

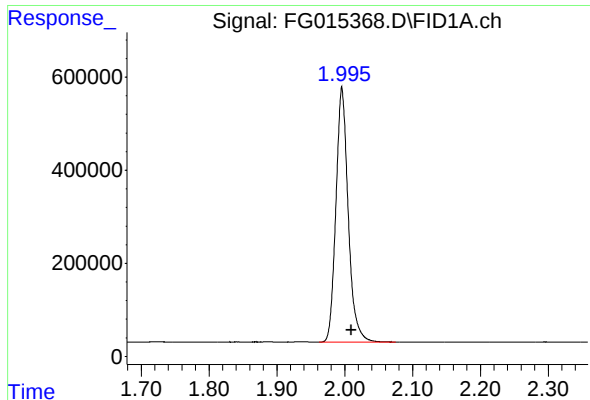
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015368.D
Signal(s) : FID1A.ch
Acq On : 08 Feb 2025 00:29
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Feb 08 05:58:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

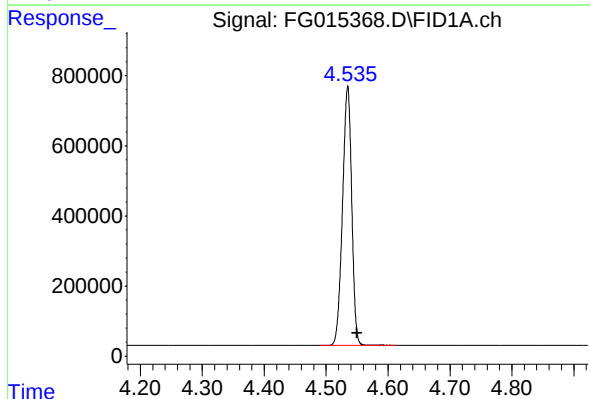




#1 N-OCTANE

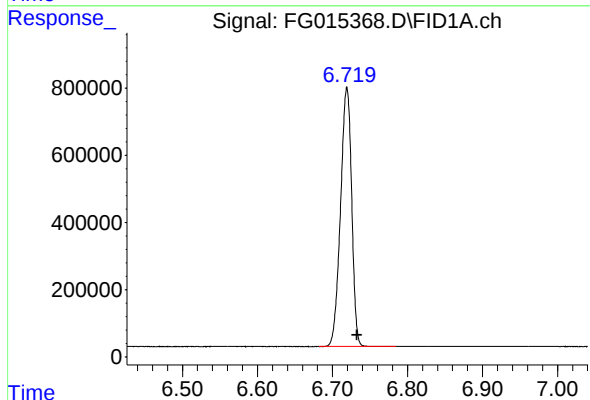
R.T.: 1.996 min
Delta R.T.: -0.014 min
Response: 6883282
Conc: 56.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



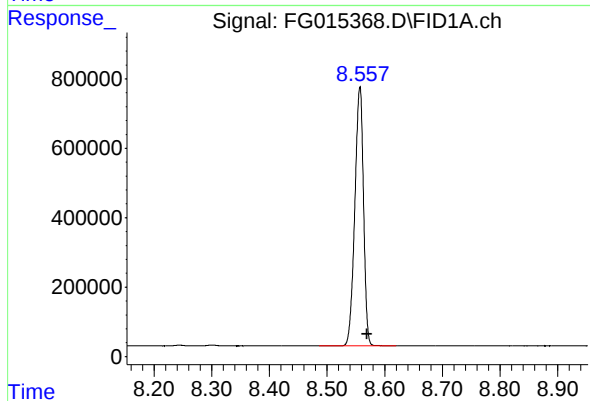
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.014 min
Response: 7631055
Conc: 59.08 ug/ml



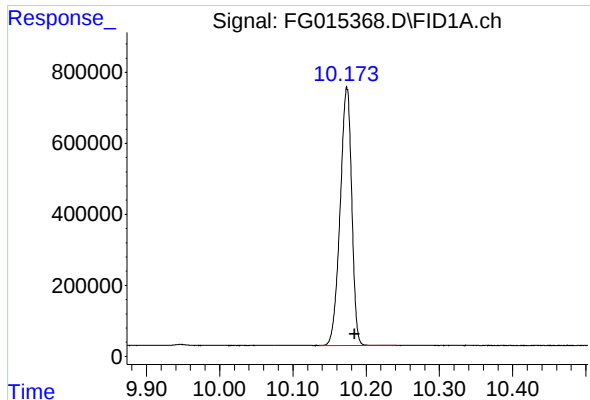
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: -0.013 min
Response: 7964362
Conc: 58.46 ug/ml



#4 N-TETRADECANE

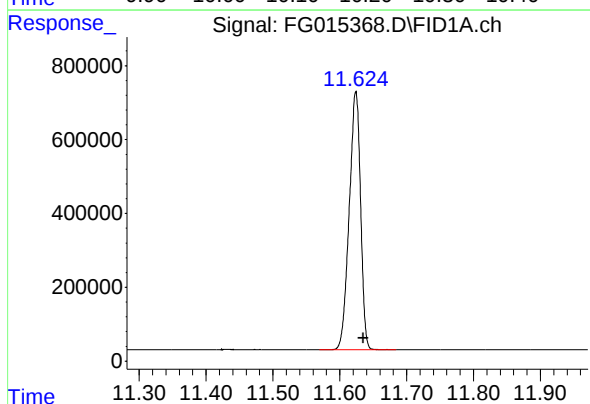
R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 7820005
Conc: 57.14 ug/ml



#5 N-HEXADECANE

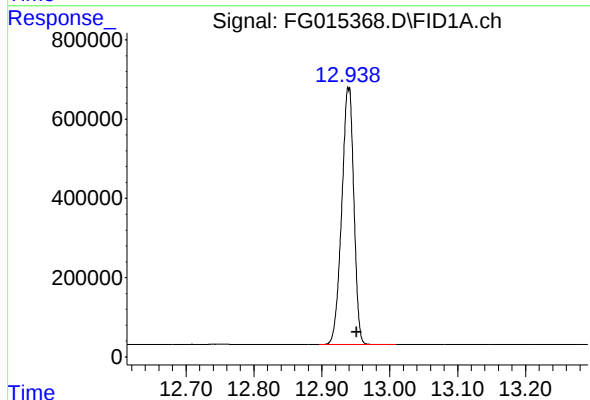
R.T.: 10.174 min
Delta R.T.: -0.011 min
Response: 7986710
Conc: 56.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



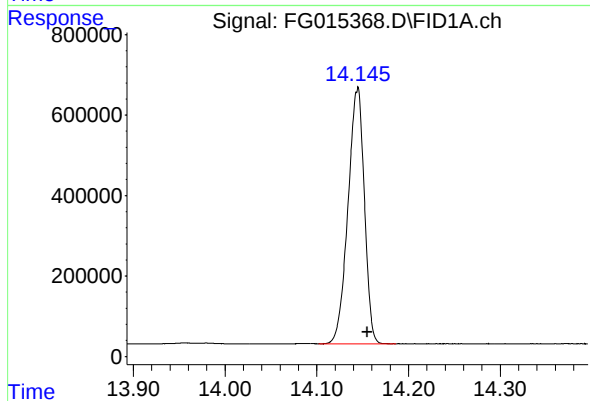
#6 N-OCTADECANE

R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 8235898
Conc: 56.15 ug/ml



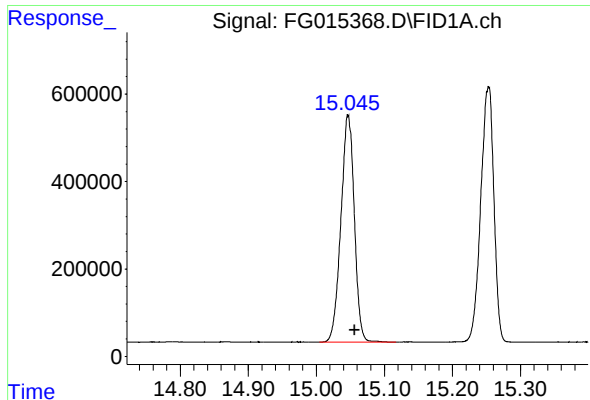
#7 N-EICOSANE

R.T.: 12.939 min
Delta R.T.: -0.011 min
Response: 8029195
Conc: 55.23 ug/ml



#8 N-DOCOSANE

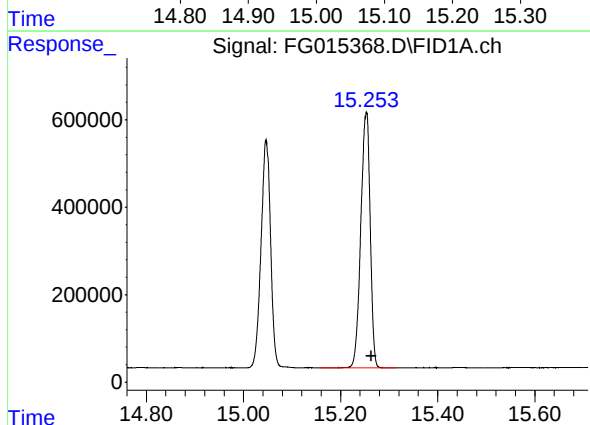
R.T.: 14.145 min
Delta R.T.: -0.011 min
Response: 7887247
Conc: 54.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

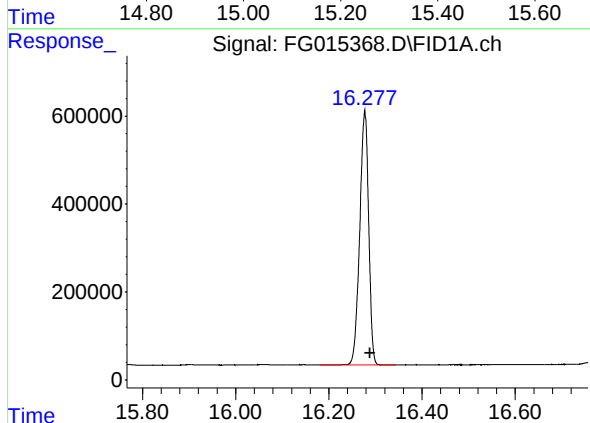
R.T.: 15.047 min
Delta R.T.: -0.010 min
Response: 7126822
Conc: 55.56 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



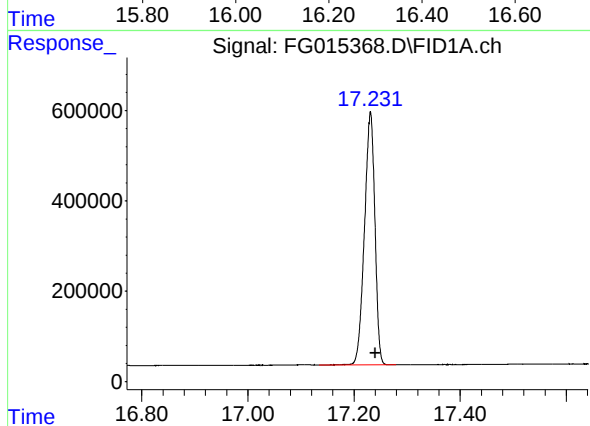
#10 N-TETRACOSANE

R.T.: 15.253 min
Delta R.T.: -0.010 min
Response: 7831371
Conc: 54.83 ug/ml



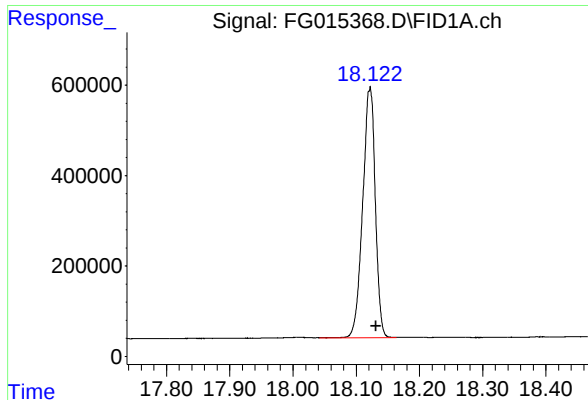
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.011 min
Response: 7694191
Conc: 54.63 ug/ml



#12 N-OCTACOSANE

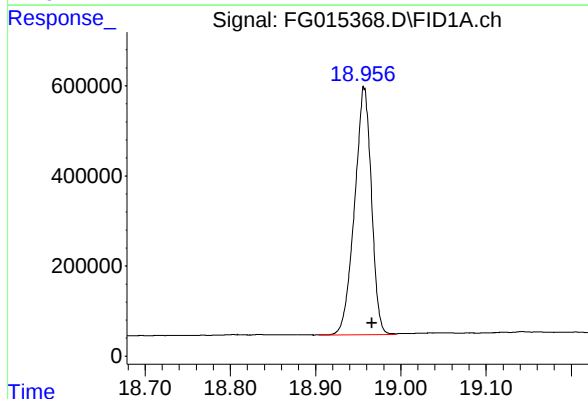
R.T.: 17.231 min
Delta R.T.: -0.010 min
Response: 7636156
Conc: 54.53 ug/ml



#13 N-TRIACONTANE

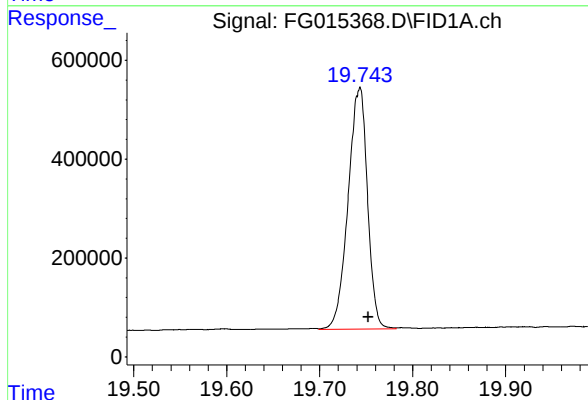
R.T.: 18.122 min
Delta R.T.: -0.010 min
Response: 7664336
Conc: 53.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



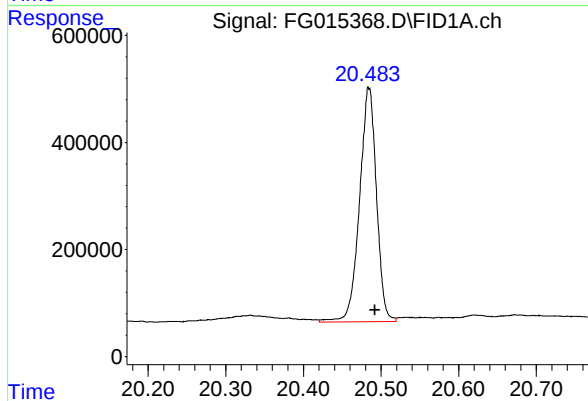
#14 N-DOTRIACONTANE

R.T.: 18.957 min
Delta R.T.: -0.009 min
Response: 7561200
Conc: 54.40 ug/ml



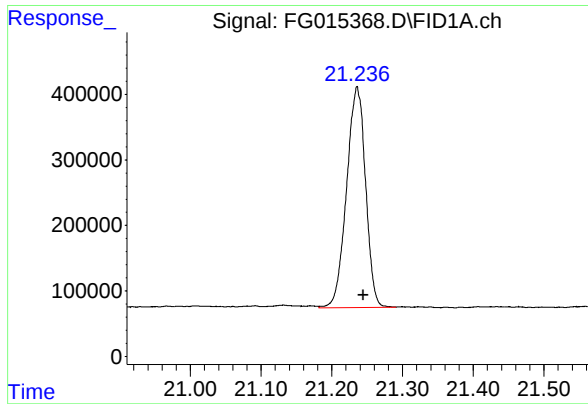
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: -0.009 min
Response: 7077463
Conc: 56.49 ug/ml



#16 N-HEXATRIACONTANE

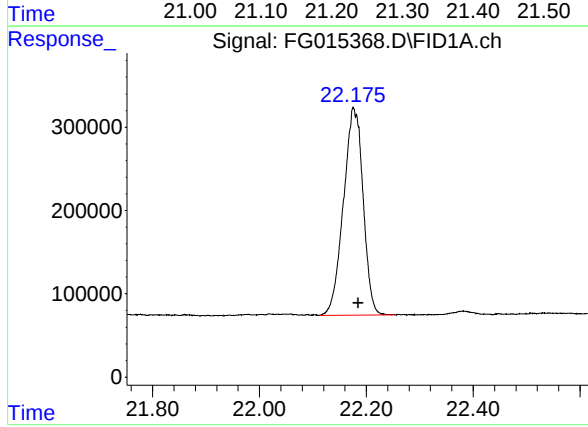
R.T.: 20.484 min
Delta R.T.: -0.008 min
Response: 6620623
Conc: 61.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.236 min
Delta R.T.: -0.009 min
Response: 6282948
Conc: 63.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.176 min
Delta R.T.: -0.009 min
Response: 6350000
Conc: 68.39 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015368.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2025 00:29
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.996	1.962	2.075	PB	548003	6883282	83.58%	5.126%
2	4.535	4.489	4.613	BB	740907	7631055	92.66%	5.683%
3	6.719	6.682	6.785	BB	772670	7964362	96.70%	5.931%
4	8.557	8.486	8.620	BB	745080	7820005	94.95%	5.824%
5	10.174	10.136	10.241	BB	726142	7986710	96.97%	5.948%
6	11.624	11.569	11.684	BV	698501	8235898	100.00%	6.133%
7	12.939	12.896	13.009	PB	647549	8029195	97.49%	5.979%
8	14.145	14.102	14.186	VV	631981	7887247	95.77%	5.874%
9	15.047	15.004	15.117	PV	520917	7126822	86.53%	5.307%
10	15.253	15.156	15.314	BV	583069	7831371	95.09%	5.832%
11	16.277	16.179	16.344	BV	577200	7694191	93.42%	5.730%
12	17.231	17.134	17.279	VV	560711	7636156	92.72%	5.687%
13	18.122	18.041	18.163	VV	555889	7664336	93.06%	5.708%
14	18.957	18.904	18.994	BV	546100	7561200	91.81%	5.631%
15	19.743	19.699	19.782	VV	490796	7077463	85.93%	5.271%
16	20.484	20.420	20.519	VV	437233	6620623	80.39%	4.930%
17	21.236	21.182	21.291	VV	337541	6282948	76.29%	4.679%
18	22.176	22.112	22.256	PV	248947	6350000	77.10%	4.729%
Sum of corrected areas:						134282863		

FG011325.M Sun Feb 09 23:25:06 2025

Analytical Sequence

Client: Sciacca General Contractors, LLC

SDG No.: Q1290

Project: 305 Central Ave, West Caldwell

Instrument ID: FID_G

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

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.0514					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	07 Feb 2025 13:59	FG015358.D	15.041	
50 PPM TRPH STD	50 PPM TRPH STD	07 Feb 2025 14:28	FG015359.D	15.044	
PB166607BL	PB166607BL	07 Feb 2025 16:21	FG015361.D	15.041	
PB166607BS	PB166607BS	07 Feb 2025 16:50	FG015362.D	15.040	
WASTEMS	Q1290-01MS	07 Feb 2025 17:47	FG015364.D	15.042	
WASTEMSD	Q1290-01MSD	07 Feb 2025 18:15	FG015365.D	15.042	
WASTE	Q1290-01	07 Feb 2025 18:43	FG015366.D	15.040	
PIBLK02	LBLK02	07 Feb 2025 19:12	FG015367.D	15.043	
50 PPM TRPH STD	50 PPM TRPH STD	08 Feb 2025 00:29	FG015368.D	15.047	



QC SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	305 Central Ave, West Caldwell		Date Received:		
Client Sample ID:	PB166607BL		SDG No.:	Q1290	
Lab Sample ID:	PB166607BL		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015361.D	1	02/07/25 08:13	02/07/25 16:21	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	318	U	318	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	15.9		37 - 130	79%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015361.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 16:21
Operator : YP\AJ
Sample : PB166607BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB166607BL

Integration File: autoint1.e
Quant Time: Feb 08 05:56:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	2036454	15.876 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

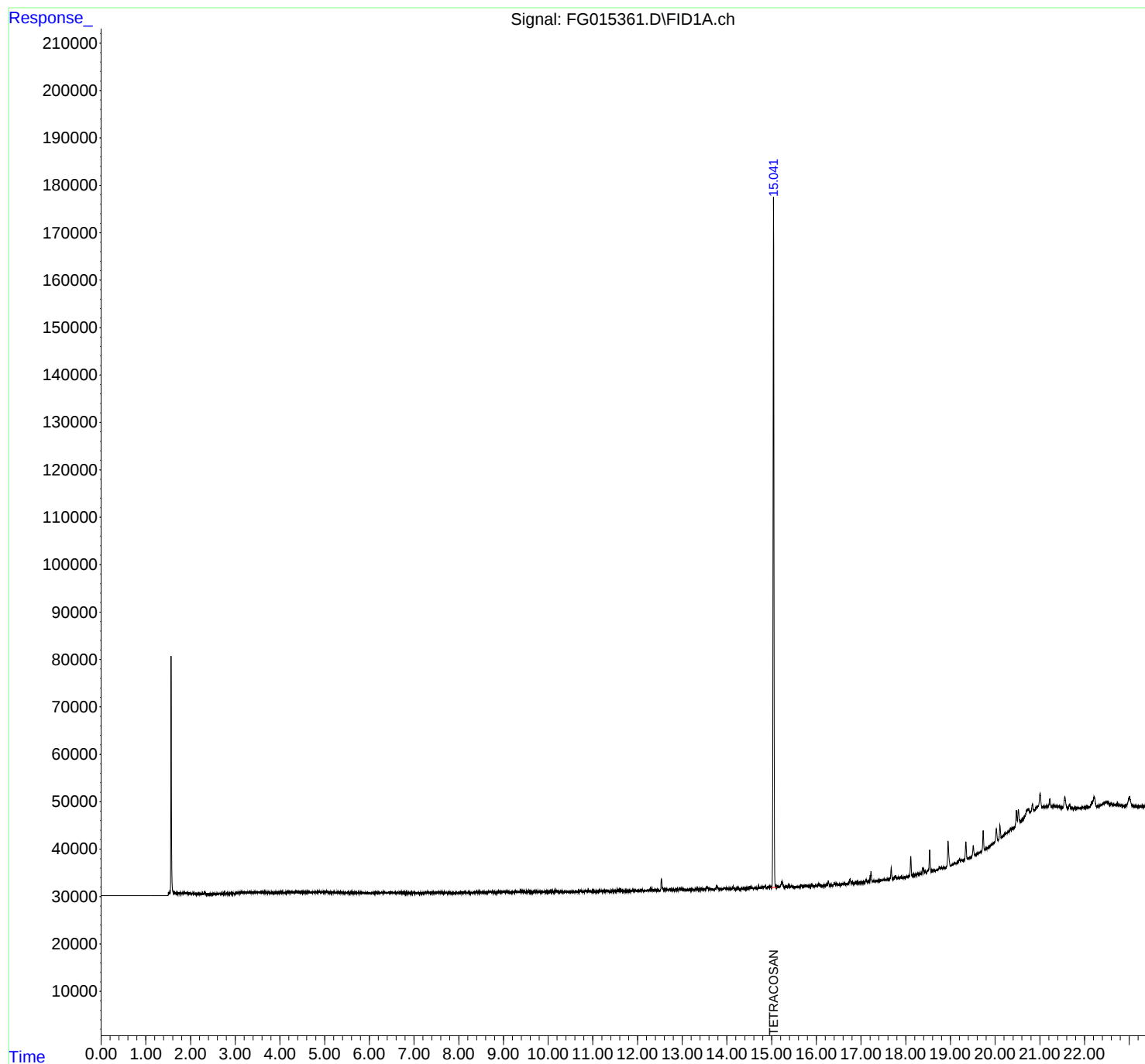
(m)=manual int.

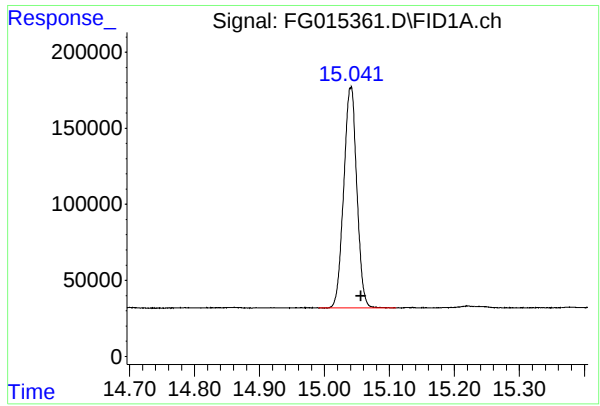
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015361.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 16:21
Operator : YP\AJ
Sample : PB166607BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB166607BL

Integration File: autoint1.e
Quant Time: Feb 08 05:56:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.015 min
Response: 2036454
Conc: 15.88 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166607BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015361.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 16:21
Sample : PB166607BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.041	14.992	15.110	BB	144576	2036454	100.00%	100.000%
Sum of corrected areas:						2036454		

FG011325.M Sun Feb 09 23:21:28 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/07/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/07/25
Client Sample ID:	PIBLK-FG015358.D	SDG No.:	Q1290
Lab Sample ID:	I.BLK-FG015358.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015358.D	1		02/07/25	FG020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	9.00	U	9.00	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	15.9		29 - 130	79%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015358.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 13:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Feb 08 05:55:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	2036257	15.874 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

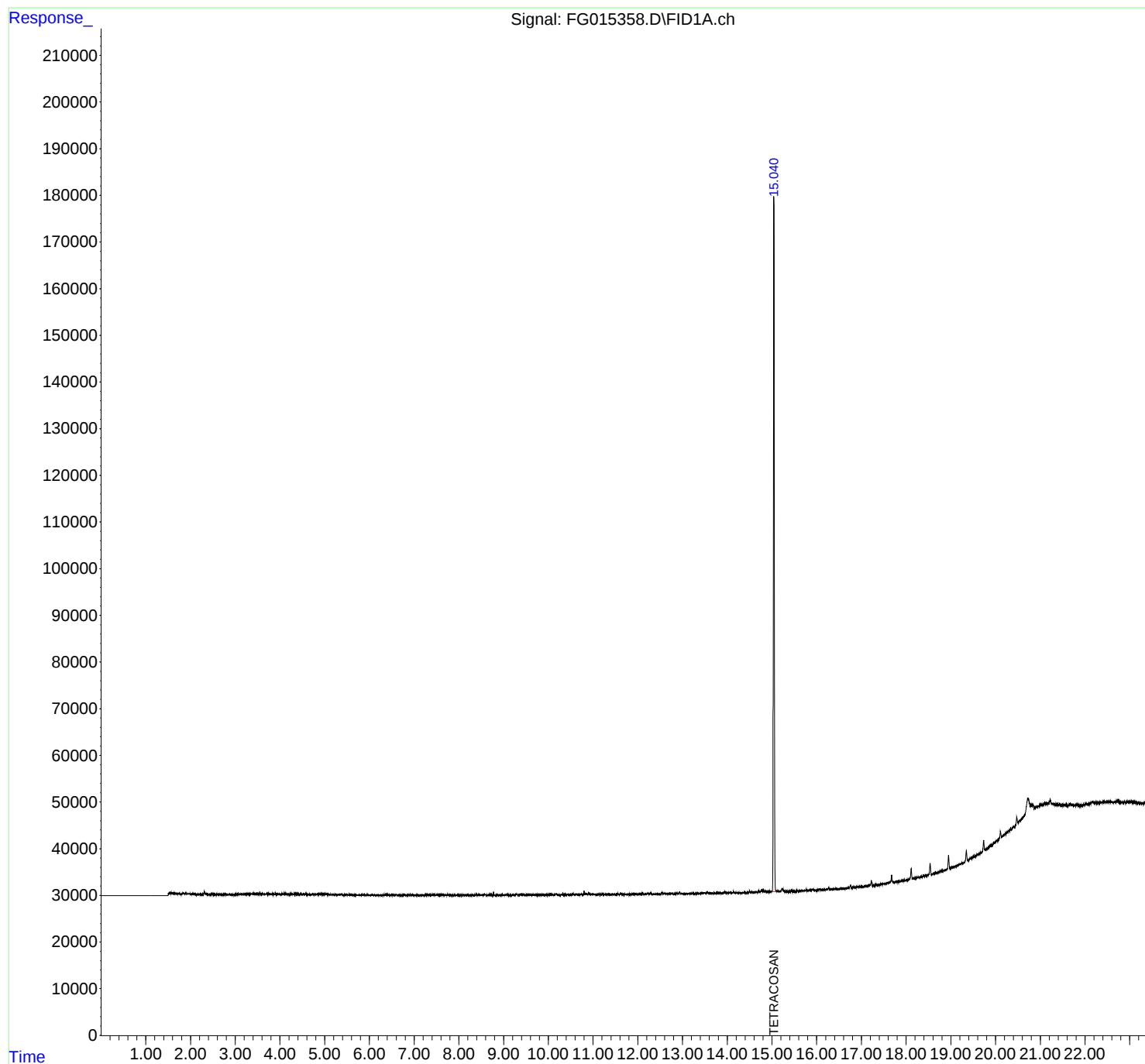
(m)=manual int.

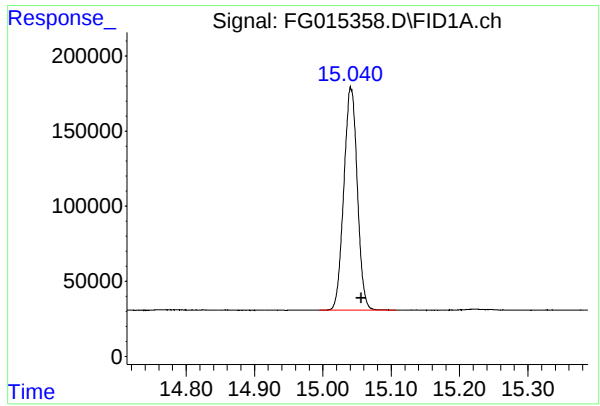
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015358.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 13:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Feb 08 05:55:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.015 min
Response: 2036257
Conc: 15.87 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015358.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 13:59
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.041	14.995	15.107	BB	147287	2036257	100.00%	100.000%
Sum of corrected areas:						2036257		

FG011325.M Sun Feb 09 23:19:40 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/07/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/07/25
Client Sample ID:	PIBLK-FG015367.D	SDG No.:	Q1290
Lab Sample ID:	I.BLK-FG015367.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015367.D	1		02/07/25	FG020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	9.00	U	9.00	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	16.1		29 - 130	81%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015367.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 19:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Feb 08 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.043	2065882	16.105 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

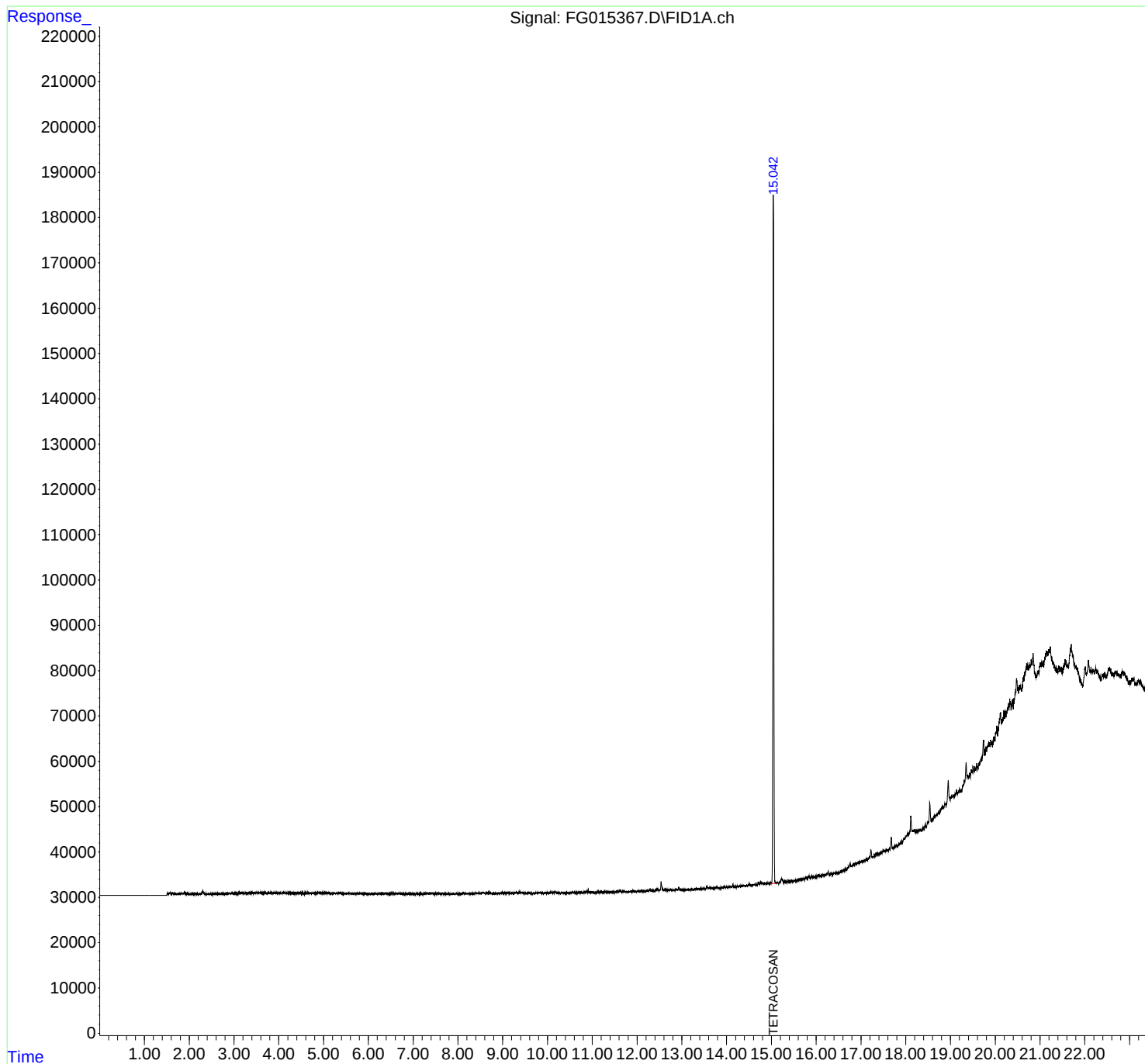
(m)=manual int.

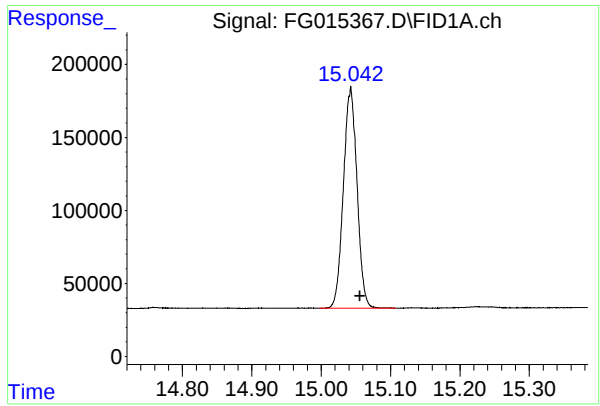
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015367.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 19:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Feb 08 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: -0.014 min
Response: 2065882
Conc: 16.11 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015367.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 19:12
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.043	14.997	15.108	BB	151996	2065882	100.00%	100.000%
Sum of corrected areas:						2065882		

FG011325.M Sun Feb 09 23:23:45 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:		
Project:	305 Central Ave, West Caldwell		Date Received:		
Client Sample ID:	PB166607BS		SDG No.:	Q1290	
Lab Sample ID:	PB166607BS		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015362.D	1	02/07/25 08:13	02/07/25 16:50	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	10400		318	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	15.0		37 - 130	75%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015362.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 16:50
 Operator : YP\AJ
 Sample : PB166607BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166607BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 05:56:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.040	1925692	15.012 ug/ml
Target Compounds			
1) N-OCTANE	1.997	1786998	14.645 ug/ml
2) N-DECANE	4.534	2292070	17.744 ug/ml
3) N-DODECANE	6.716	2381215	17.478 ug/ml
4) N-TETRADECANE	8.553	2432526	17.773 ug/ml
5) N-HEXADECANE	10.168	2481467	17.585 ug/ml
6) N-OCTADECANE	11.618	2550812	17.389 ug/ml
7) N-EICOSANE	12.934	2580140	17.747 ug/ml
8) N-DOCOSANE	14.138	2497167	17.406 ug/ml
10) N-TETRACOSANE	15.244	2490496	17.437 ug/ml
11) N-HEXACOSANE	16.269	2446072	17.368 ug/ml
12) N-OCTACOSANE	17.222	2412998	17.232 ug/ml
13) N-TRIACONTANE	18.112	2430046	17.081 ug/ml
14) N-DOTRIACONTANE	18.946	2435048	17.520 ug/ml
15) N-TETRATRIACONTANE	19.733	2485146	19.834 ug/mlm
16) N-HEXATRIACONTANE	20.477	2504211	23.174 ug/mlm
17) N-OCTATRIACONTANE	21.222	2457856	24.917 ug/mlm
18) N-TETRACONTANE	22.161	2428814	26.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015362.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 16:50
Operator : YP\AJ
Sample : PB166607BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

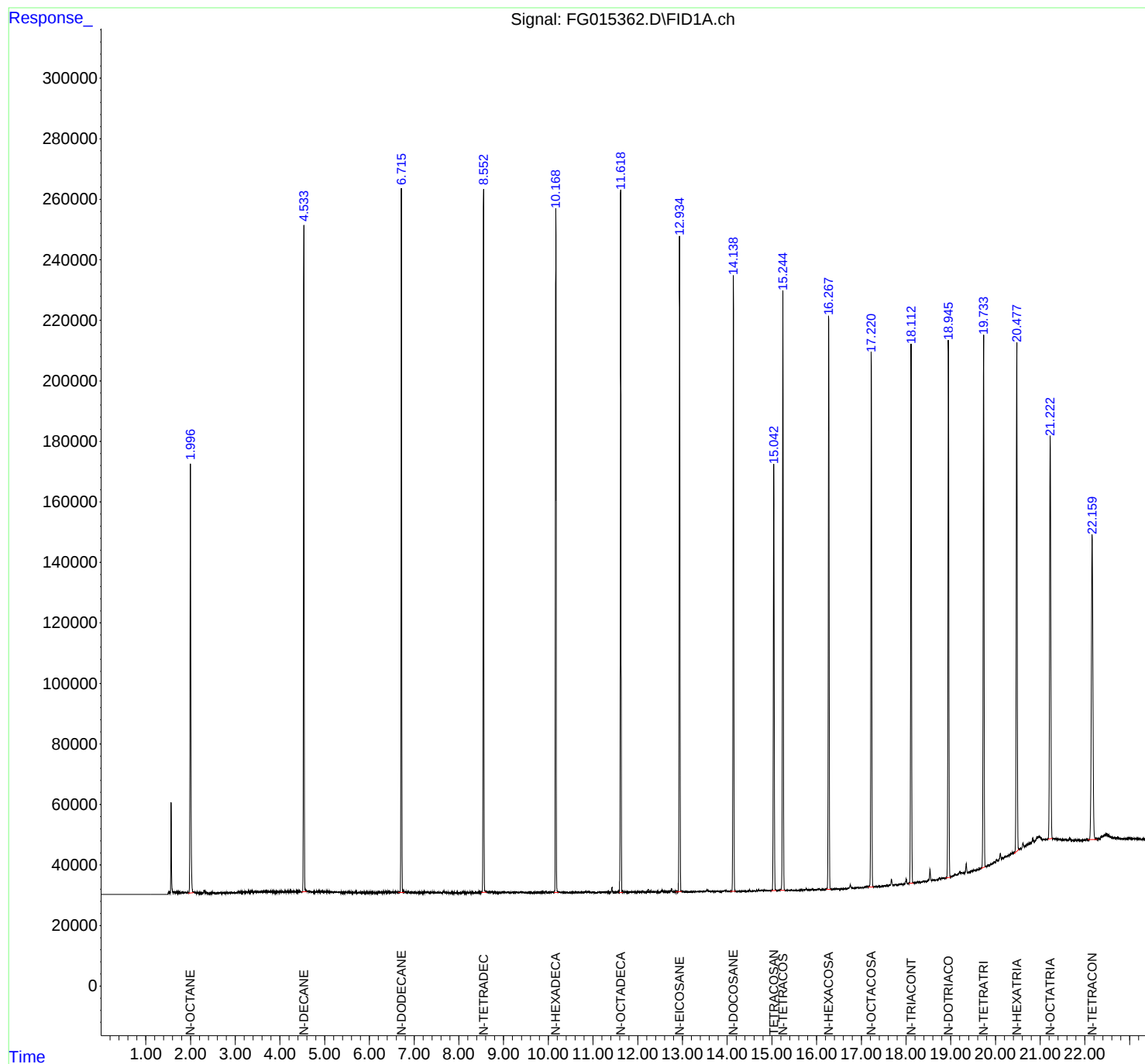
Instrument :
FID_G
ClientSampleId :
PB166607BS

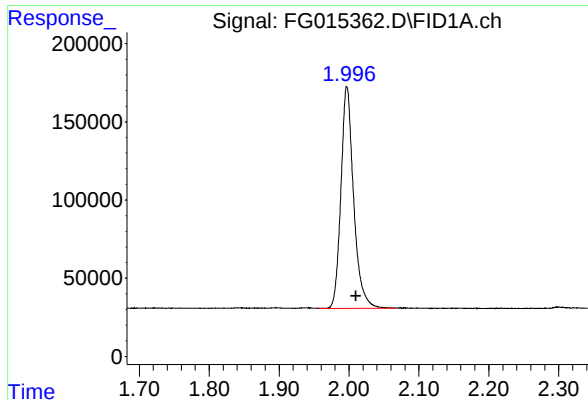
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
Quant Time: Feb 08 05:56:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





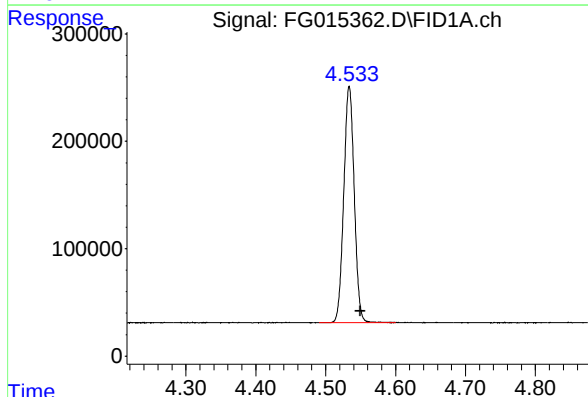
#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 1786998
Conc: 14.64 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166607BS

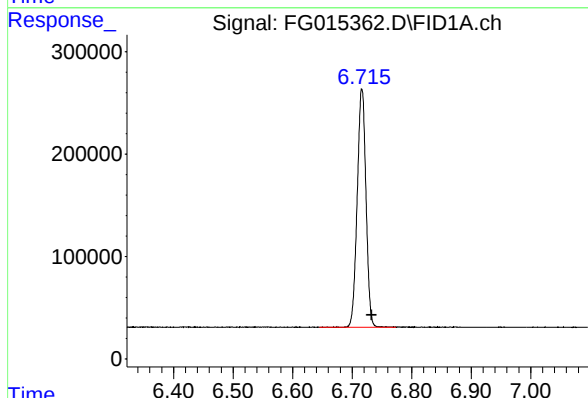
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



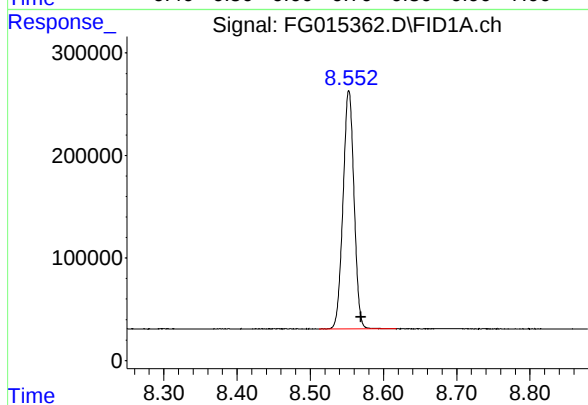
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.016 min
Response: 2292070
Conc: 17.74 ug/ml



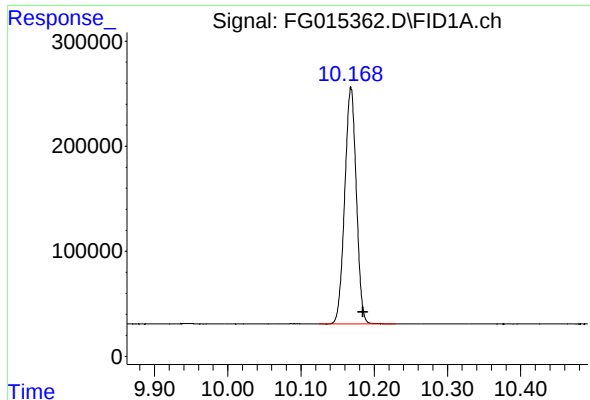
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: -0.016 min
Response: 2381215
Conc: 17.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.553 min
Delta R.T.: -0.017 min
Response: 2432526
Conc: 17.77 ug/ml



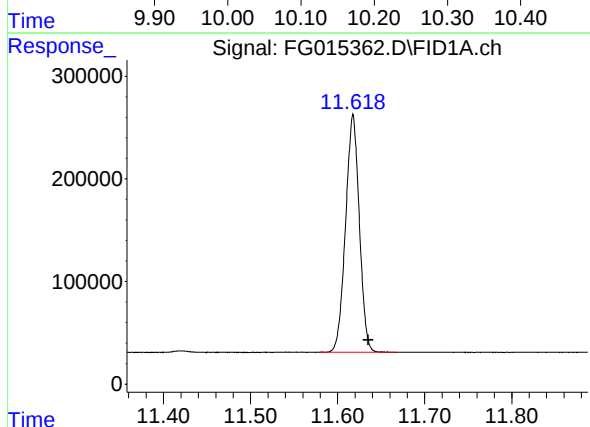
#5 N-HEXADECANE

R.T.: 10.168 min
Delta R.T.: -0.016 min
Response: 2481467
Conc: 17.59 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166607BS

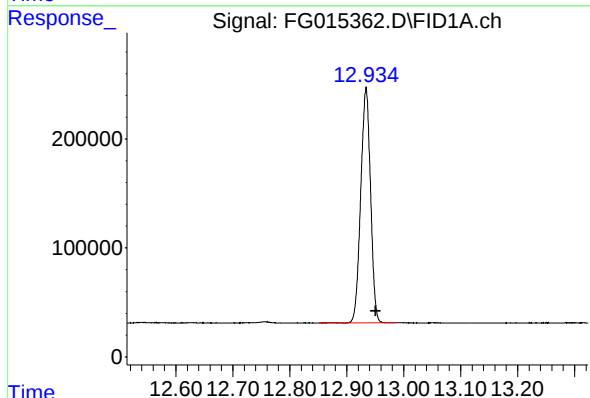
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



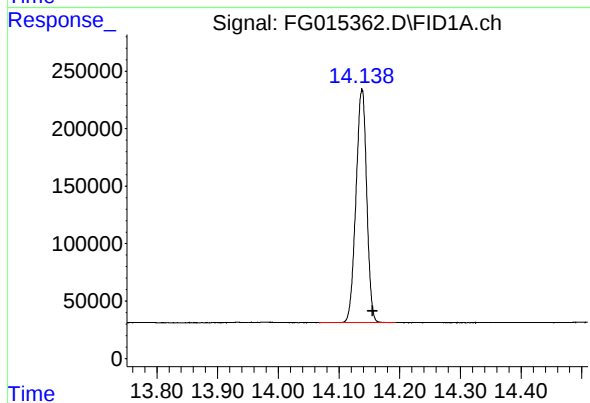
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: -0.017 min
Response: 2550812
Conc: 17.39 ug/ml



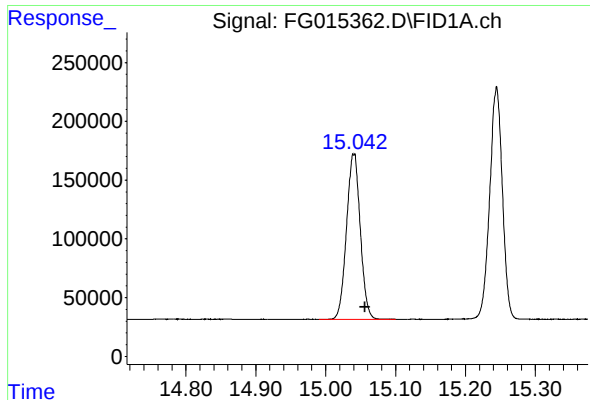
#7 N-EICOSANE

R.T.: 12.934 min
Delta R.T.: -0.017 min
Response: 2580140
Conc: 17.75 ug/ml



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: -0.017 min
Response: 2497167
Conc: 17.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: -0.016 min
Response: 1925692
Conc: 15.01 ug/ml

Instrument :

FID_G

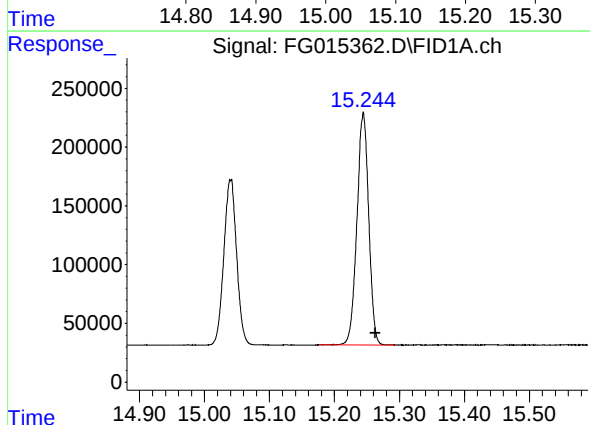
ClientSampleId :

PB166607BS

Manual Integrations

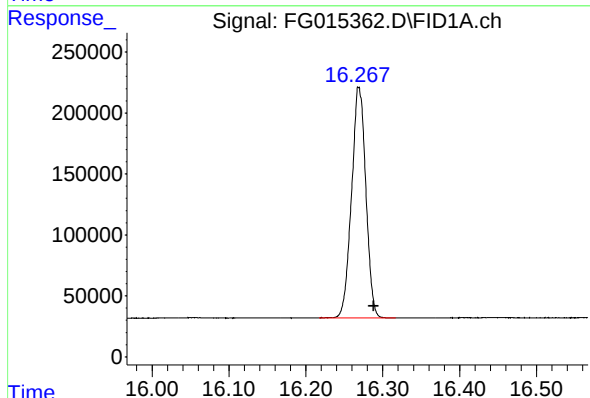
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



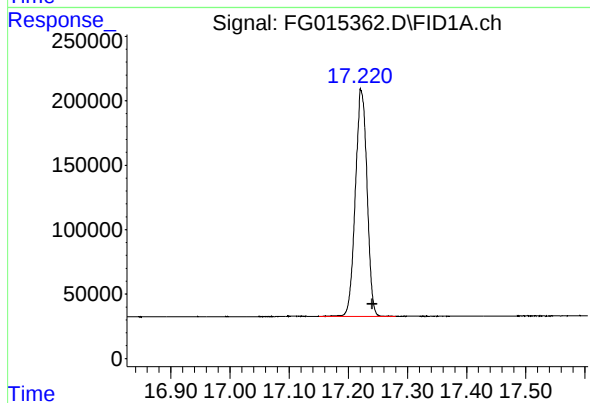
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: -0.019 min
Response: 2490496
Conc: 17.44 ug/ml



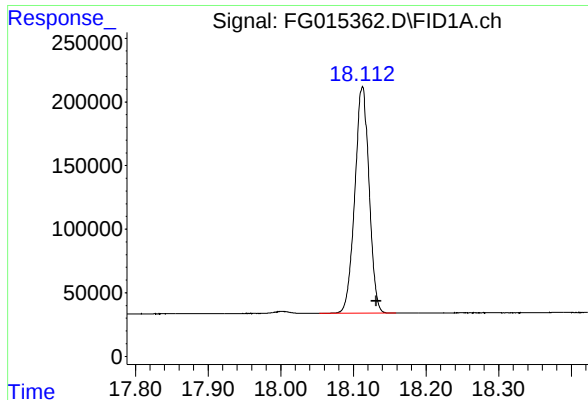
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: -0.019 min
Response: 2446072
Conc: 17.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.222 min
Delta R.T.: -0.019 min
Response: 2412998
Conc: 17.23 ug/ml



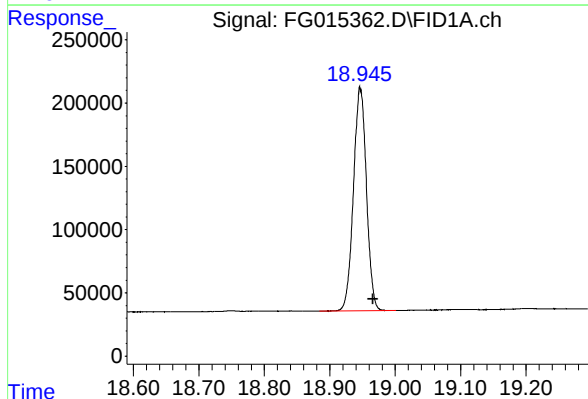
#13 N-TRIACONTANE

R.T.: 18.112 min
Delta R.T.: -0.019 min
Response: 2430046
Conc: 17.08 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166607BS

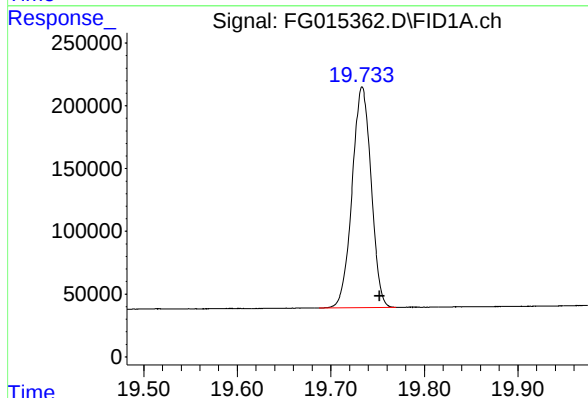
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



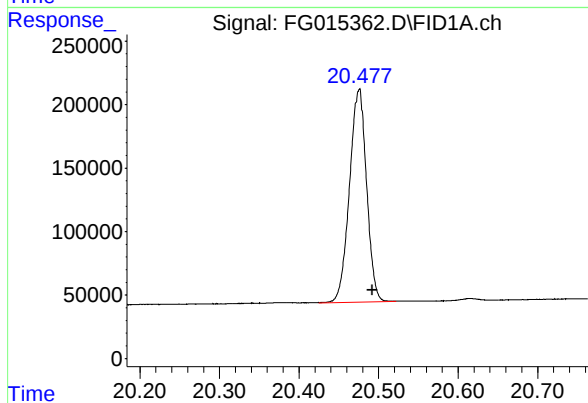
#14 N-DOTRIACONTANE

R.T.: 18.946 min
Delta R.T.: -0.019 min
Response: 2435048
Conc: 17.52 ug/ml



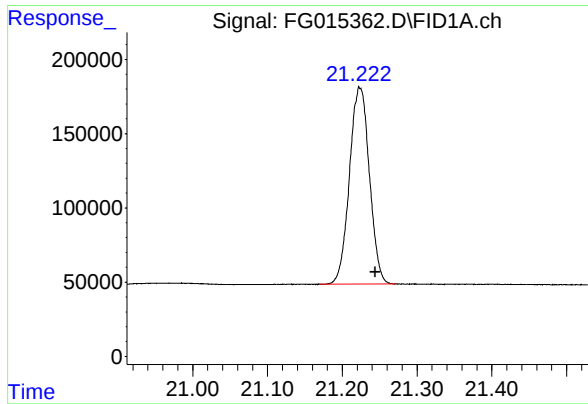
#15 N-TETRATRIACONTANE

R.T.: 19.733 min
Delta R.T.: -0.019 min
Response: 2485146
Conc: 19.83 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: -0.016 min
Response: 2504211
Conc: 23.17 ug/ml m



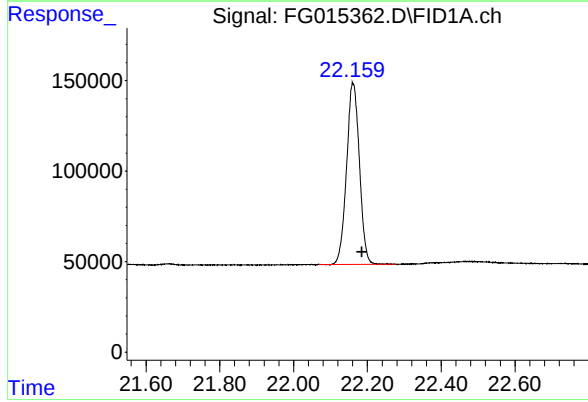
#17 N-OCTATRIACONTANE

R.T.: 21.222 min
Delta R.T.: -0.022 min
Response: 2457856
Conc: 24.92 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166607BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



#18 N-TETRACONTANE

R.T.: 22.161 min
Delta R.T.: -0.024 min
Response: 2428814
Conc: 26.16 ug/ml

rteres

Instrument :

FID_G

ClientSampleId :

PB166607BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG02072
Data File : FG015362.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 16:50
Sample : PB166607BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.997	1.957	2.067	BB	141646	1786998	69.26%	4.156%
2	4.534	4.490	4.600	BB	220189	2292070	88.84%	5.331%
3	6.716	6.645	6.774	BB	232523	2381215	92.29%	5.538%
4	8.553	8.512	8.617	BB	232442	2432526	94.28%	5.658%
5	10.168	10.125	10.230	BB	224081	2481467	96.18%	5.772%
6	11.618	11.579	11.667	BB	231932	2550812	98.86%	5.933%
7	12.934	12.851	12.986	BB	215497	2580140	100.00%	6.001%
8	14.138	14.067	14.194	BB	203146	2497167	96.78%	5.808%
9	15.040	14.990	15.100	BB	139566	1925692	74.64%	4.479%
10	15.244	15.176	15.295	BB	198096	2490496	96.53%	5.793%
11	16.269	16.217	16.317	BB	188770	2446072	94.80%	5.689%
12	17.222	17.150	17.280	BB	175026	2412998	93.52%	5.612%
13	18.112	18.053	18.159	BB	178197	2430046	94.18%	5.652%
14	18.946	18.884	19.001	BB	175737	2435048	94.38%	5.664%
15	19.734	19.641	19.776	BB	175776	2484741	96.30%	5.779%
16	20.476	20.159	20.535	BB	167031	2467761	95.64%	5.740%
17	21.224	21.055	21.284	BB	131705	2470204	95.74%	5.745%
18	22.161	22.069	22.277	BB	99726	2428814	94.13%	5.649%
Sum of corrected areas:						42994267		

FG011325.M Sun Feb 09 23:22:53 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	WASTEMS	SDG No.:	Q1290
Lab Sample ID:	Q1290-01MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	87.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015364.D	1	02/07/25 08:13	02/07/25 17:47	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	117000	E	362	3230	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.3		37 - 130	61%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015364.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 17:47
 Operator : YP\AJ
 Sample : Q1290-01MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 05:57:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.042	1573591	12.267 ug/mlm
Target Compounds			
1) N-OCTANE	1.997	1706290	13.983 ug/ml
2) N-DECANE	4.534	2315571	17.926 ug/ml
3) N-DODECANE	6.717	2531467	18.581 ug/ml
4) N-TETRADECANE	8.553	2647937	19.347 ug/ml
5) N-HEXADECANE	10.169	2720287	19.278 ug/ml
6) N-OCTADECANE	11.619	2776327	18.927 ug/ml
7) N-EICOSANE	12.935	2776250	19.096 ug/ml
8) N-DOCOSANE	14.139	2864791	19.969 ug/ml
10) N-TETRACOSANE	15.246	2393949	16.761 ug/mlm
11) N-HEXACOSANE	16.273	2575831	18.289 ug/mlm
12) N-OCTACOSANE	17.226	2958356	21.126 ug/mlm
13) N-TRIACONTANE	18.117	2644075	18.585 ug/mlm
14) N-DOTRIACONTANE	18.950	2751042	19.794 ug/mlm
15) N-TETRATRIACONTANE	19.739	2726011	21.756 ug/mlm
16) N-HEXATRIACONTANE	20.479	2701740	25.002 ug/mlm
17) N-OCTATRIACONTANE	21.232	2843832	28.830 ug/mlm
18) N-TETRACONTANE	22.173	2889692	31.123 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015364.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 17:47
Operator : YP\AJ
Sample : Q1290-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

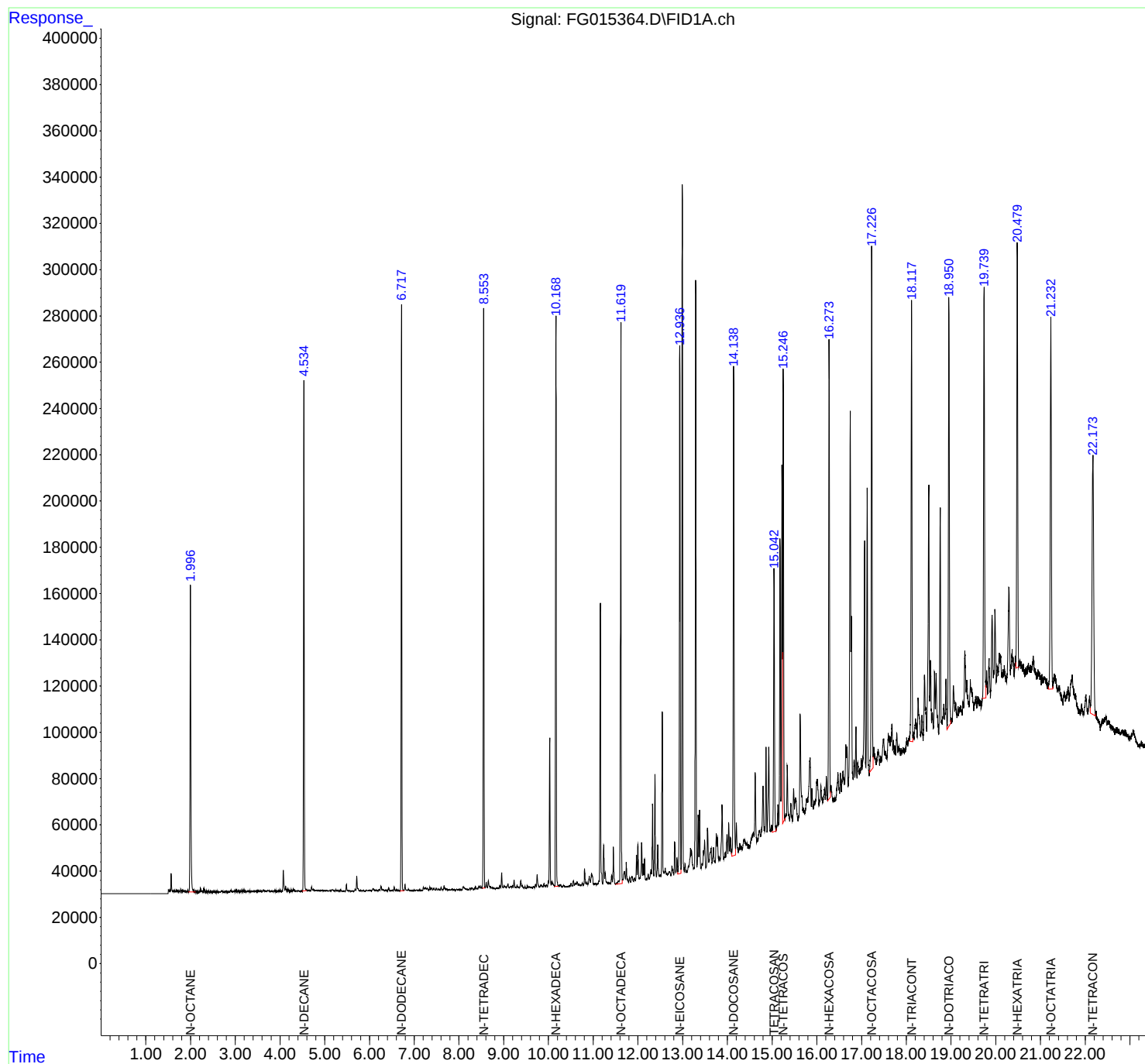
Instrument :
FID_G
ClientSampleId :
WASTEMS

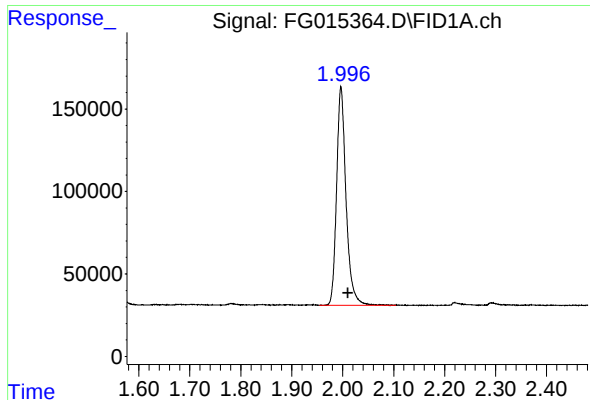
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
Quant Time: Feb 08 05:57:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





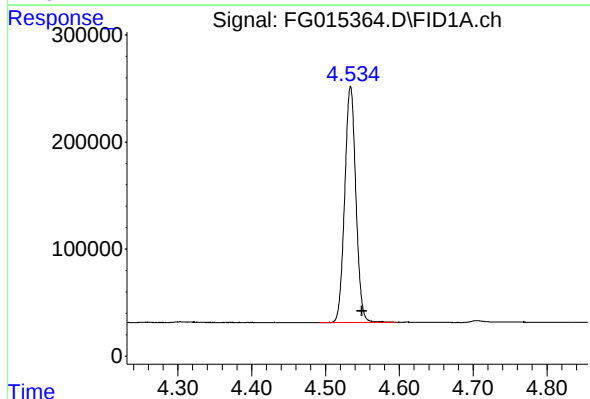
#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 1706290
Conc: 13.98 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

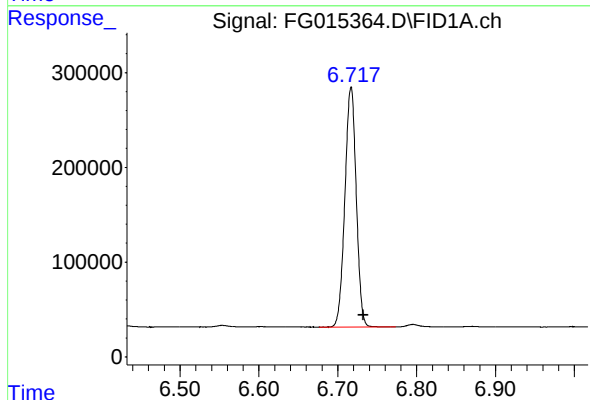
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



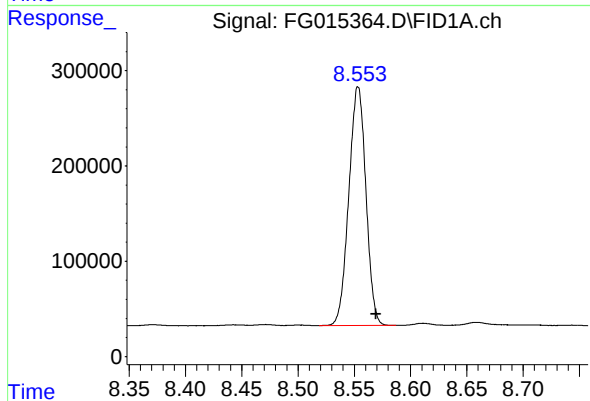
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.015 min
Response: 2315571
Conc: 17.93 ug/ml



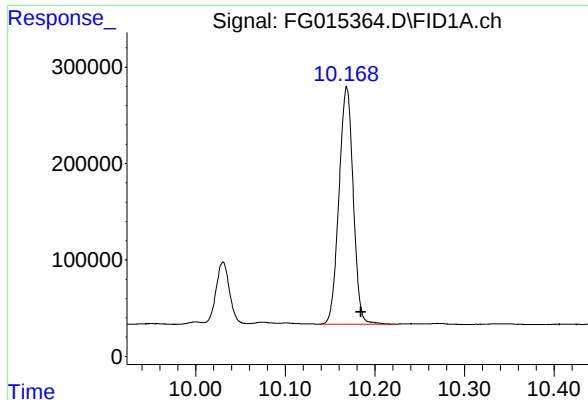
#3 N-DODECANE

R.T.: 6.717 min
Delta R.T.: -0.016 min
Response: 2531467
Conc: 18.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.553 min
Delta R.T.: -0.016 min
Response: 2647937
Conc: 19.35 ug/ml



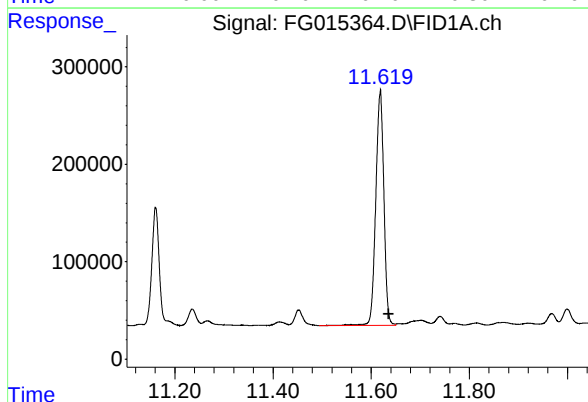
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 2720287
Conc: 19.28 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

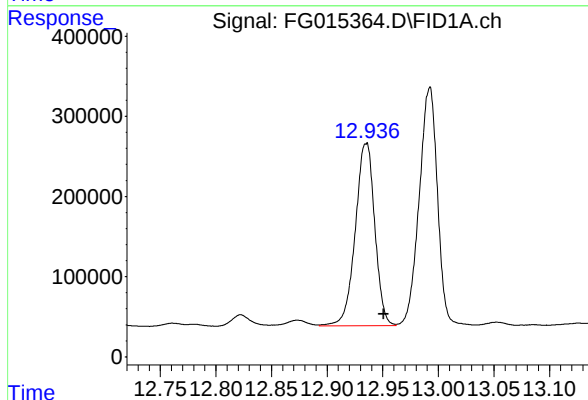
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



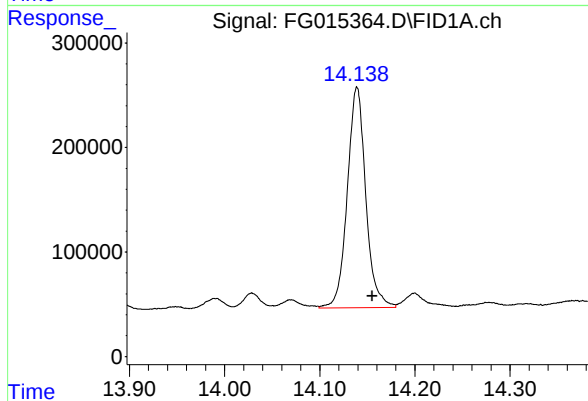
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.016 min
Response: 2776327
Conc: 18.93 ug/ml



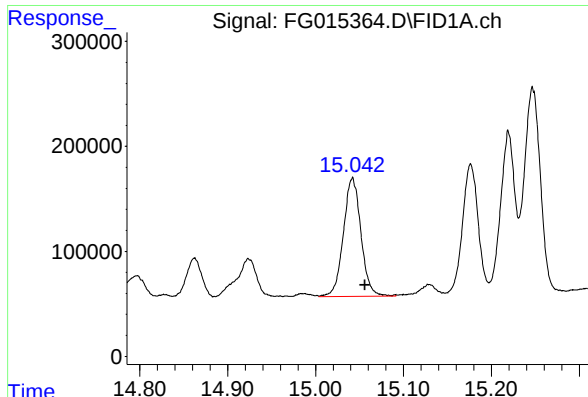
#7 N-EICOSANE

R.T.: 12.935 min
Delta R.T.: -0.016 min
Response: 2776250
Conc: 19.10 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: -0.016 min
Response: 2864791
Conc: 19.97 ug/ml



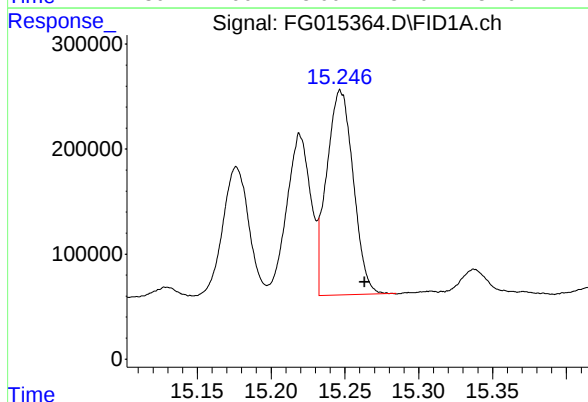
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: -0.014 min
Response: 1573591
Conc: 12.27 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

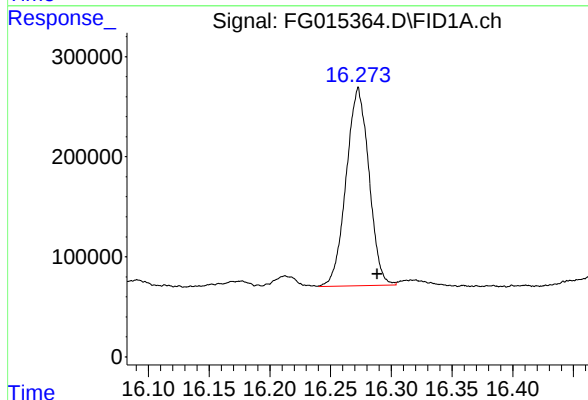
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



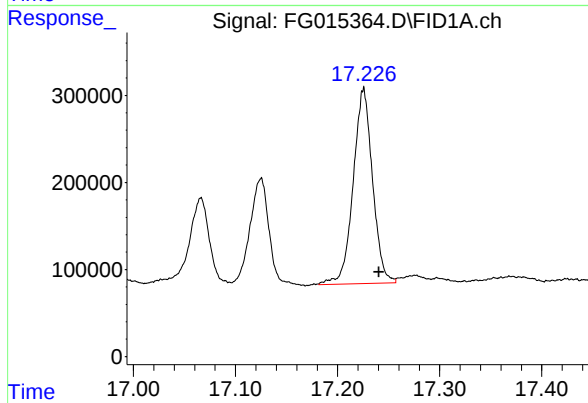
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: -0.017 min
Response: 2393949
Conc: 16.76 ug/ml m



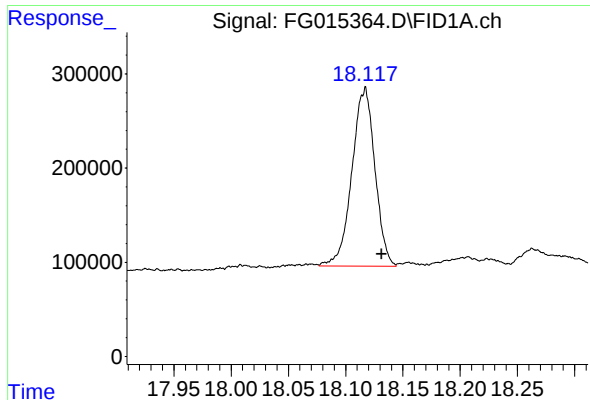
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.016 min
Response: 2575831
Conc: 18.29 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.015 min
Response: 2958356
Conc: 21.13 ug/ml m



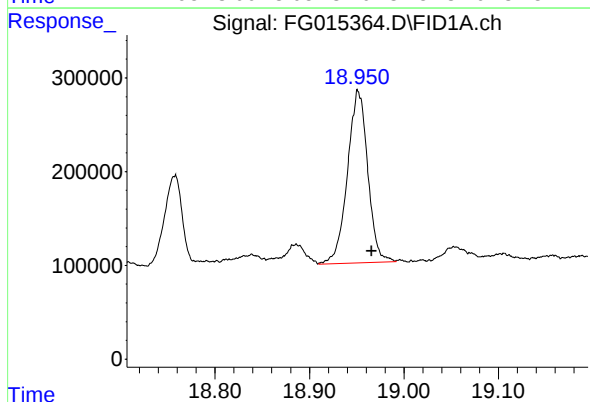
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: -0.015 min
Response: 2644075
Conc: 18.59 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

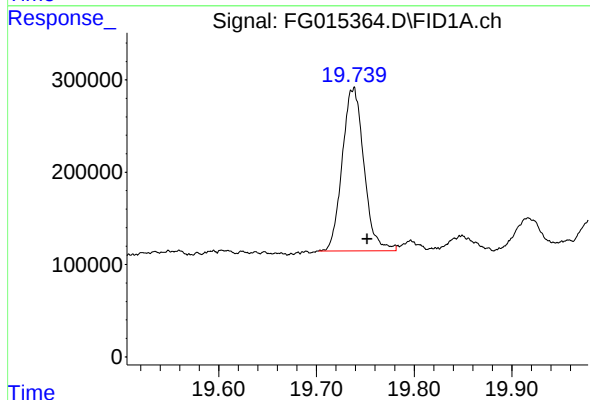
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



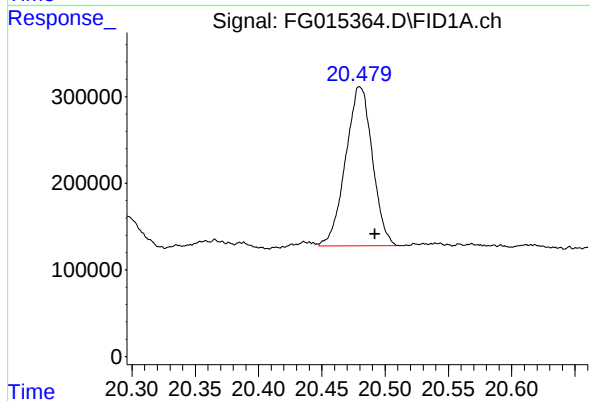
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.016 min
Response: 2751042
Conc: 19.79 ug/ml



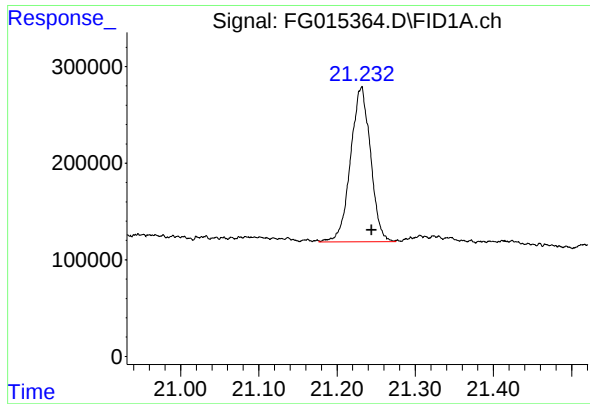
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: -0.013 min
Response: 2726011
Conc: 21.76 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 2701740
Conc: 25.00 ug/ml



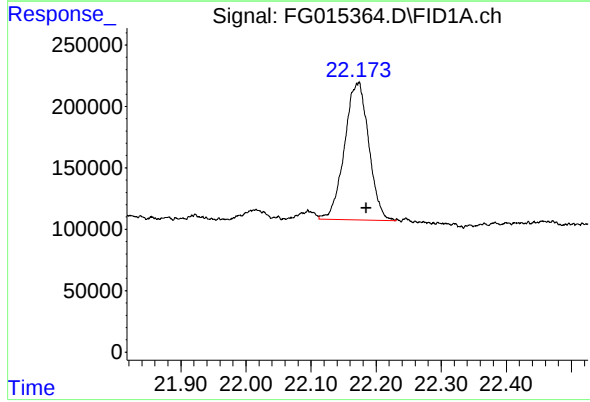
#17 N-OCTATRIACONTANE

R.T.: 21.232 min
Delta R.T.: -0.012 min
Response: 2843832
Conc: 28.83 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

Manual Integrations
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Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



#18 N-TETRACONTANE

R.T.: 22.173 min
Delta R.T.: -0.012 min
Response: 2889692
Conc: 31.12 ug/ml m

rteres

Instrument :

FID_G

ClientSampleId :

WASTEMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG02072
Data File : FG015364.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 17:47
Sample : Q1290-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.942	1.912	1.960	BV	304	-132	-0.00%	-0.000%
2	1.997	1.960	2.068	PV	132374	1694522	21.79%	0.416%
3	2.072	2.068	2.092	PV	297	1135	0.01%	0.000%
4	2.095	2.092	2.105	PV	-46	-393	-0.01%	-0.000%
5	2.106	2.105	2.135	PV	-8	-2149	-0.03%	-0.001%
6	2.139	2.135	2.165	PV	-70	-2840	-0.04%	-0.001%
7	2.167	2.165	2.187	PV	-132	-2362	-0.03%	-0.001%
8	2.202	2.187	2.207	PV	-13	-1978	-0.03%	-0.000%
9	2.219	2.207	2.265	PV	1443	15666	0.20%	0.004%
10	2.293	2.265	2.355	PV	1258	12207	0.16%	0.003%
11	2.370	2.355	2.398	PV	120	-1923	-0.02%	-0.000%
12	2.411	2.398	2.437	PV	-68	-3807	-0.05%	-0.001%
13	2.458	2.437	2.474	PV	-20	-3627	-0.05%	-0.001%
14	2.478	2.474	2.488	PV	-0	-1436	-0.02%	-0.000%
15	2.500	2.488	2.505	PV	39	-1854	-0.02%	-0.000%
16	2.508	2.505	2.540	PV	84	-4232	-0.05%	-0.001%
17	2.572	2.540	2.587	PV	95	-2966	-0.04%	-0.001%
18	2.589	2.587	2.597	PV	-5	-1198	-0.02%	-0.000%
19	2.599	2.597	2.605	PV	38	-847	-0.01%	-0.000%
20	2.615	2.605	2.619	PV	-27	-1474	-0.02%	-0.000%
21	2.623	2.619	2.640	PV	-134	-2644	-0.03%	-0.001%
22	2.642	2.640	2.659	PV	-124	-1963	-0.03%	-0.000%
23	2.693	2.659	2.731	PV	371	-761	-0.01%	-0.000%
24	2.734	2.731	2.756	PV	-56	-2464	-0.03%	-0.001%
25	2.762	2.756	2.772	PV	-99	-1504	-0.02%	-0.000%
26	2.784	2.772	2.803	PV	-9	-1733	-0.02%	-0.000%
27	2.806	2.803	2.828	PV	-9	-1695	-0.02%	-0.000%
28	2.829	2.828	2.844	PV	-28	-1631	-0.02%	-0.000%
29	2.850	2.844	2.863	PV	-134	-1659	-0.02%	-0.000%
30	2.890	2.863	2.899	PV	384	2694	0.03%	0.001%
31	2.903	2.899	2.947	VV	547	3060	0.04%	0.001%
32	2.960	2.947	2.972	PV	140	514	0.01%	0.000%
33	2.977	2.972	2.986	PV	150	-164	-0.00%	-0.000%
34	2.989	2.986	3.000	PV	-9	21	0.00%	0.000%
35	3.013	3.000	3.055	PV	502	3869	0.05%	0.001%
36	3.084	3.055	3.111	PV	198	-1142	-0.01%	-0.000%

37	3.124	3.111	3.131	PV	146	84	0.00%	0.000%
38	3.146	3.131	3.167	PV	452	3572	0.00%	0.000%
39	3.171	3.167	3.178	PV	230	463	0.00%	0.000%
40	3.187	3.178	3.229	PV	464	2572	0.00%	0.000%
41	3.231	3.229	3.246	PV	94	-49	0.00%	0.000%
42	3.264	3.246	3.308	PV	158	2774	0.00%	0.000%
43	3.311	3.308	3.322	PV	132	261	0.00%	0.000%
44	3.326	3.322	3.335	PV	332	311	0.00%	0.000%
45	3.340	3.335	3.366	PV	111	351	0.00%	0.000%
46	3.378	3.366	3.384	PV	133	640	0.01%	0.000%
47	3.393	3.384	3.398	VV	121	605	0.01%	0.000%
48	3.421	3.398	3.447	PV	228	3392	0.04%	0.001%
49	3.453	3.447	3.471	VV	242	1904	0.02%	0.000%
50	3.473	3.471	3.488	VV	234	978	0.01%	0.000%
51	3.509	3.488	3.526	VV	410	3558	0.05%	0.001%
52	3.552	3.526	3.575	VV	349	5039	0.06%	0.001%
53	3.578	3.575	3.587	VV	225	1223	0.02%	0.000%
54	3.629	3.587	3.666	VV	792	15321	0.20%	0.004%
55	3.674	3.666	3.692	VV	271	2912	0.04%	0.001%
56	3.696	3.692	3.701	VV	234	1030	0.01%	0.000%
57	3.731	3.701	3.749	VV	413	8803	0.11%	0.002%
58	3.754	3.749	3.781	VV	296	4783	0.06%	0.001%
59	3.787	3.781	3.799	VV	206	1717	0.02%	0.000%
60	3.804	3.799	3.827	VV	200	2483	0.03%	0.001%
61	3.858	3.827	3.870	VV	356	5148	0.07%	0.001%
62	3.874	3.870	3.894	VV	441	2936	0.04%	0.001%
63	3.901	3.894	3.906	VV	305	984	0.01%	0.000%
64	3.909	3.906	3.943	VV	185	1874	0.02%	0.000%
65	3.960	3.943	3.977	VV	201	2661	0.03%	0.001%
66	3.992	3.977	4.037	VV	349	6970	0.09%	0.002%
67	4.045	4.037	4.051	VV	219	1000	0.01%	0.000%
68	4.074	4.051	4.109	VV	9196	116217	1.49%	0.029%
69	4.126	4.109	4.159	VV	2139	34217	0.44%	0.008%
70	4.167	4.159	4.244	VH	753	17104	0.22%	0.004%
71	4.259	4.244	4.286	HH	579	8417	0.11%	0.002%
72	4.303	4.286	4.359	HH	923	21180	0.27%	0.005%
73	4.371	4.359	4.381	HH	330	3680	0.05%	0.001%
74	4.395	4.381	4.419	HH	333	5370	0.07%	0.001%
75	4.423	4.419	4.426	HH	204	783	0.01%	0.000%
76	4.431	4.426	4.439	HH	262	1554	0.02%	0.000%
77	4.444	4.439	4.471	HH	208	3229	0.04%	0.001%
78	4.484	4.471	4.501	HH	234	3293	0.04%	0.001%
79	4.534	4.501	4.596	HH	220878	2336050	30.04%	0.574%
80	4.611	4.596	4.632	HH	643	11063	0.14%	0.003%
81	4.643	4.632	4.677	HH	522	11363	0.15%	0.003%
82	4.705	4.677	4.742	HH	2028	36666	0.47%	0.009%
83	4.751	4.742	4.809	HH	771	22447	0.29%	0.006%
84	4.820	4.809	4.832	HH	511	6479	0.08%	0.002%
85	4.849	4.832	4.881	HH	489	11200	0.14%	0.003%
86	4.915	4.881	4.938	HH	532	14413	0.19%	0.004%
87	4.953	4.938	4.971	HH	449	7045	0.09%	0.002%
88	4.980	4.971	4.993	HH	348	4247	0.05%	0.001%
89	4.999	4.993	5.008	HH	362	3093	0.04%	0.001%

Instrument :

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					rters			
90	5.013	5.008	5.025	HH	351	3539	0.05%	0.001%
91	5.043	5.025	5.073	HH	432	9094		
92	5.093	5.073	5.103	HH	419	6165		
93	5.120	5.103	5.139	HH	384	7382		
94	5.154	5.139	5.172	HH	729	11436		
95	5.180	5.172	5.227	HH	693	15158		
96	5.249	5.227	5.281	HH	702	14076	0.18%	0.003%
97	5.289	5.281	5.314	HH	418	6705	0.09%	0.002%
98	5.319	5.314	5.339	HH	288	3706	0.05%	0.001%
99	5.359	5.339	5.414	HH	704	14459	0.19%	0.004%
100	5.417	5.414	5.442	HH	239	3263	0.04%	0.001%
101	5.453	5.442	5.461	HH	277	2425	0.03%	0.001%
102	5.484	5.461	5.511	HH	3096	36670	0.47%	0.009%
103	5.516	5.511	5.519	HH	453	2058	0.03%	0.001%
104	5.522	5.519	5.543	HH	457	4679	0.06%	0.001%
105	5.557	5.543	5.582	HH	419	6190	0.08%	0.002%
106	5.613	5.582	5.624	HH	269	4411	0.06%	0.001%
107	5.629	5.624	5.633	HH	200	943	0.01%	0.000%
108	5.638	5.633	5.656	HH	255	2475	0.03%	0.001%
109	5.680	5.656	5.697	HH	1122	14554	0.19%	0.004%
110	5.716	5.697	5.738	HH	6791	77172	0.99%	0.019%
111	5.745	5.738	5.770	HH	1286	15773	0.20%	0.004%
112	5.796	5.770	5.826	HH	560	12585	0.16%	0.003%
113	5.833	5.826	5.844	HH	330	2939	0.04%	0.001%
114	5.849	5.844	5.858	HH	304	2467	0.03%	0.001%
115	5.871	5.858	5.890	HH	478	7047	0.09%	0.002%
116	5.893	5.890	5.905	HH	235	1871	0.02%	0.000%
117	5.931	5.905	5.958	HH	695	14205	0.18%	0.003%
118	5.971	5.958	5.987	HH	430	6352	0.08%	0.002%
119	6.004	5.987	6.038	HH	603	12441	0.16%	0.003%
120	6.055	6.038	6.061	HH	562	6147	0.08%	0.002%
121	6.078	6.061	6.141	HH	1303	35527	0.46%	0.009%
122	6.153	6.141	6.179	HH	666	11088	0.14%	0.003%
123	6.218	6.179	6.234	HH	863	17679	0.23%	0.004%
124	6.256	6.234	6.293	HH	1942	44686	0.57%	0.011%
125	6.298	6.293	6.328	HH	775	12868	0.17%	0.003%
126	6.356	6.328	6.385	HH	633	16967	0.22%	0.004%
127	6.431	6.385	6.464	HH	1701	36702	0.47%	0.009%
128	6.481	6.464	6.497	HH	575	9564	0.12%	0.002%
129	6.507	6.497	6.534	HH	572	9907	0.13%	0.002%
130	6.554	6.534	6.579	HH	2045	28592	0.37%	0.007%
131	6.600	6.579	6.620	HH	736	14032	0.18%	0.003%
132	6.636	6.620	6.673	HH	620	14083	0.18%	0.003%
133	6.677	6.673	6.684	HH	325	2116	0.03%	0.001%
134	6.717	6.684	6.773	HH	254547	2551188	32.81%	0.627%
135	6.795	6.773	6.853	HH	3073	52173	0.67%	0.013%
136	6.870	6.853	6.894	HH	1021	16287	0.21%	0.004%
137	6.909	6.894	6.917	HH	520	6857	0.09%	0.002%
138	6.923	6.917	6.931	HH	504	3788	0.05%	0.001%
139	6.944	6.931	6.963	HH	517	8128	0.10%	0.002%
140	6.996	6.963	7.024	HH	695	17828	0.23%	0.004%
141	7.045	7.024	7.094	HH	734	21162	0.27%	0.005%

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					rters			
142	7.122	7.094	7.150	HH	801	19148	0.25%	0.005%
143	7.166	7.150	7.184	HH	571	10446		
144	7.205	7.184	7.224	HH	1972	30012		
145	7.247	7.224	7.274	HH	1656	42040		
146	7.290	7.274	7.324	HH	1423	31957		
147	7.352	7.324	7.372	HH	1892	36215		
148	7.388	7.372	7.411	HH	1650	27219	0.35%	0.007%
149	7.414	7.411	7.422	HH	964	6178	0.08%	0.002%
150	7.440	7.422	7.469	HH	1516	29304	0.38%	0.007%
151	7.491	7.469	7.517	HH	1514	28207	0.36%	0.007%
152	7.536	7.517	7.556	HH	1311	21693	0.28%	0.005%
153	7.566	7.556	7.581	HH	843	11585	0.15%	0.003%
154	7.600	7.581	7.632	HH	1793	34414	0.44%	0.008%
155	7.643	7.632	7.650	HH	1029	9853	0.13%	0.002%
156	7.668	7.650	7.718	HH	2467	55699	0.72%	0.014%
157	7.732	7.718	7.766	HH	1114	24243	0.31%	0.006%
158	7.786	7.766	7.796	HH	887	13489	0.17%	0.003%
159	7.799	7.796	7.819	HH	824	10746	0.14%	0.003%
160	7.845	7.819	7.871	HH	1071	25397	0.33%	0.006%
161	7.897	7.871	7.915	HH	772	17428	0.22%	0.004%
162	7.920	7.915	7.922	HH	646	2799	0.04%	0.001%
163	7.954	7.922	7.976	HH	1008	24817	0.32%	0.006%
164	7.981	7.976	7.984	HH	752	3590	0.05%	0.001%
165	8.011	7.984	8.027	HH	984	21211	0.27%	0.005%
166	8.037	8.027	8.052	HH	824	11419	0.15%	0.003%
167	8.095	8.052	8.112	HH	2203	49675	0.64%	0.012%
168	8.123	8.112	8.144	HH	1702	27641	0.36%	0.007%
169	8.154	8.144	8.183	HH	1150	23275	0.30%	0.006%
170	8.195	8.183	8.216	HH	1030	17596	0.23%	0.004%
171	8.246	8.216	8.267	HH	1552	35907	0.46%	0.009%
172	8.281	8.267	8.289	HH	1335	16189	0.21%	0.004%
173	8.301	8.289	8.337	HH	1491	32373	0.42%	0.008%
174	8.371	8.337	8.409	HH	2285	63468	0.82%	0.016%
175	8.413	8.409	8.417	HH	1210	6039	0.08%	0.001%
176	8.443	8.417	8.458	HH	2130	42303	0.54%	0.010%
177	8.471	8.458	8.487	HH	2484	35063	0.45%	0.009%
178	8.500	8.487	8.521	HH	1907	32649	0.42%	0.008%
179	8.553	8.521	8.588	HH	252247	2707638	34.82%	0.665%
180	8.611	8.588	8.636	HH	3845	70005	0.90%	0.017%
181	8.659	8.636	8.702	HH	4771	110812	1.43%	0.027%
182	8.708	8.702	8.728	HH	2101	29076	0.37%	0.007%
183	8.744	8.728	8.760	HH	1815	30220	0.39%	0.007%
184	8.773	8.760	8.784	HH	1456	19989	0.26%	0.005%
185	8.793	8.784	8.814	HH	1359	23173	0.30%	0.006%
186	8.854	8.814	8.869	HH	1595	45565	0.59%	0.011%
187	8.883	8.869	8.893	HH	1499	20343	0.26%	0.005%
188	8.915	8.893	8.935	HH	2742	51064	0.66%	0.013%
189	8.957	8.935	8.989	HH	8169	119462	1.54%	0.029%
190	9.008	8.989	9.044	HH	2537	71127	0.91%	0.017%
191	9.049	9.044	9.064	HH	1989	22515	0.29%	0.006%
192	9.096	9.064	9.129	HH	3331	88285	1.14%	0.022%
193	9.148	9.129	9.161	HH	2189	37134	0.48%	0.009%
194	9.173	9.161	9.184	HH	2160	28679	0.37%	0.007%

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195	9.201	9.184	9.216	HH	2523	41467	0.53%	0.010%
196	9.234	9.216	9.258	HH	4913	77878		
197	9.266	9.258	9.277	HH	1826	20222		
198	9.299	9.277	9.322	HH	2853	58677		
199	9.342	9.322	9.357	HH	1962	38005		
200	9.382	9.357	9.402	HH	4676	85581		
201	9.413	9.402	9.455	HH	2619	63534	0.82%	0.016%
202	9.474	9.455	9.496	HH	2100	42270	0.54%	0.010%
203	9.529	9.496	9.545	HH	2290	52762	0.68%	0.013%
204	9.562	9.545	9.570	HH	2046	27513	0.35%	0.007%
205	9.582	9.570	9.596	HH	2107	29209	0.38%	0.007%
206	9.614	9.596	9.631	HH	1882	36564	0.47%	0.009%
207	9.667	9.631	9.688	HH	2406	63919	0.82%	0.016%
208	9.711	9.688	9.731	HH	3160	61313	0.79%	0.015%
209	9.749	9.731	9.791	HH	7442	141579	1.82%	0.035%
210	9.831	9.791	9.879	HH	2971	124518	1.60%	0.031%
211	9.901	9.879	9.930	HH	3408	81654	1.05%	0.020%
212	9.951	9.930	9.976	HH	2849	70426	0.91%	0.017%
213	10.000	9.976	10.008	HH	4570	65284	0.84%	0.016%
214	10.031	10.008	10.060	HH	66564	743891	9.57%	0.183%
215	10.075	10.060	10.091	HH	4388	68958	0.89%	0.017%
216	10.101	10.091	10.137	HH	3641	80948	1.04%	0.020%
217	10.169	10.137	10.224	HH	247832	2838243	36.50%	0.697%
218	10.240	10.224	10.254	HH	2769	45954	0.59%	0.011%
219	10.271	10.254	10.308	HH	3074	80345	1.03%	0.020%
220	10.343	10.308	10.389	HH	2685	109719	1.41%	0.027%
221	10.413	10.389	10.452	HH	2228	80299	1.03%	0.020%
222	10.468	10.452	10.482	HH	2555	42903	0.55%	0.011%
223	10.505	10.482	10.534	HH	3592	86356	1.11%	0.021%
224	10.558	10.534	10.580	HH	4603	95924	1.23%	0.024%
225	10.610	10.580	10.625	HH	3600	86757	1.12%	0.021%
226	10.643	10.625	10.666	HH	4148	84883	1.09%	0.021%
227	10.678	10.666	10.694	HH	3323	50373	0.65%	0.012%
228	10.703	10.694	10.737	HH	2912	70147	0.90%	0.017%
229	10.756	10.737	10.781	HH	3781	80477	1.03%	0.020%
230	10.810	10.781	10.848	HH	9862	204059	2.62%	0.050%
231	10.863	10.848	10.877	HH	4114	63572	0.82%	0.016%
232	10.911	10.877	10.941	HH	6651	176844	2.27%	0.043%
233	10.964	10.941	11.017	HH	7829	249430	3.21%	0.061%
234	11.035	11.017	11.042	HH	3407	49638	0.64%	0.012%
235	11.059	11.042	11.075	HH	3753	66535	0.86%	0.016%
236	11.101	11.075	11.114	HH	3536	75613	0.97%	0.019%
237	11.129	11.114	11.135	HH	4646	53087	0.68%	0.013%
238	11.161	11.135	11.211	HH	124646	1437725	18.49%	0.353%
239	11.236	11.211	11.254	HH	20123	272981	3.51%	0.067%
240	11.267	11.254	11.302	HH	8156	162261	2.09%	0.040%
241	11.307	11.302	11.326	HH	4014	53838	0.69%	0.013%
242	11.337	11.326	11.354	HH	3779	60597	0.78%	0.015%
243	11.374	11.354	11.387	HH	3668	70382	0.91%	0.017%
244	11.413	11.387	11.433	HH	7044	143273	1.84%	0.035%
245	11.452	11.433	11.493	HH	19283	307053	3.95%	0.075%
246	11.523	11.493	11.531	HH	3664	77310	0.99%	0.019%

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Instrument : FID_G ClientSampleId : WASTEMS						
rteres						
247	11.559	11.531	11.566	HH	4456	83989
248	11.619	11.566	11.650	HH	245321	2929762
249	11.659	11.650	11.664	HH	5187	42540
250	11.702	11.664	11.722	HH	8753	248651
251	11.741	11.722	11.760	HH	12664	190020
252	11.770	11.760	11.790	HH	5491	89649
253	11.815	11.790	11.836	HH	6026	133757
254	11.869	11.836	11.902	HH	6509	212503
255	11.920	11.902	11.943	HH	5780	129049
256	11.968	11.943	11.983	HH	15641	232010
257	11.999	11.983	12.026	HH	20350	304152
258	12.037	12.026	12.048	HH	5887	77145
259	12.083	12.048	12.101	HH	21090	358617
260	12.116	12.101	12.131	HH	11973	171280
261	12.148	12.131	12.180	HH	14146	252888
262	12.195	12.180	12.207	HH	5793	87225
263	12.231	12.207	12.251	HH	7503	165007
264	12.292	12.251	12.306	HH	9481	244339
265	12.327	12.306	12.354	HH	37734	530262
266	12.380	12.354	12.417	HH	50684	739232
267	12.443	12.417	12.487	HH	20170	437512
268	12.501	12.487	12.512	HH	7219	100128
269	12.544	12.512	12.576	HH	77793	1112233
270	12.611	12.576	12.639	HH	10158	320919
271	12.646	12.639	12.661	HH	7836	97649
272	12.697	12.661	12.704	HH	8561	204452
273	12.706	12.704	12.741	HH	8587	171799
274	12.761	12.741	12.774	HH	10896	182127
275	12.779	12.774	12.800	HH	9441	132916
276	12.822	12.800	12.848	HH	21403	371264
277	12.873	12.848	12.892	HH	14583	289667
278	12.935	12.892	12.962	HH	235260	3099006
279	12.992	12.962	13.034	HH	305394	3737776
280	13.053	13.034	13.072	HH	12140	235704
281	13.086	13.072	13.101	HH	8960	145707
282	13.126	13.101	13.134	HH	11014	194509
283	13.175	13.134	13.186	HH	18772	453920
284	13.198	13.186	13.242	HH	17741	452810
285	13.247	13.242	13.256	HH	9971	81208
286	13.292	13.256	13.320	HH	264598	3157836
287	13.346	13.320	13.361	HH	32736	512009
288	13.377	13.361	13.408	HH	35139	567064
289	13.431	13.408	13.445	HH	11765	242078
290	13.464	13.445	13.474	HH	17655	263562
291	13.490	13.474	13.517	HH	22081	426339
292	13.556	13.517	13.586	HH	27540	671926
293	13.614	13.586	13.620	HH	17054	304221
294	13.635	13.620	13.657	HH	18756	360417
295	13.687	13.657	13.710	HH	19091	486500
296	13.715	13.710	13.726	HH	13159	122793
297	13.752	13.726	13.765	HH	24980	452530
298	13.777	13.765	13.807	HH	23214	464865
299	13.814	13.807	13.840	HH	14456	276524

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

						Instrument : FID_G ClientSampleId : WASTEMS		
300	13.880	13.840	13.916	HH	37315	1006251	12.94%	0.247%
Manual IntegrationsAPPROVED								
301	13.949	13.916	13.963	HH	16551	433967	5.40%	0.103%
302	13.990	13.963	14.009	HH	24260	536747	6.70%	0.147%
303	14.029	14.009	14.052	HH	29720	573056	7.70%	0.147%
304	14.070	14.052	14.099	HH	23226	551403	4.60%	0.045%
305	14.139	14.099	14.180	HH	226638	3620572	10.85%	0.207%
306	14.200	14.180	14.246	HH	29488	843675	7.58%	0.145%
307	14.278	14.246	14.297	HH	20651	589119	5.40%	0.103%
308	14.318	14.297	14.335	HH	19458	419593	7.70%	0.147%
309	14.370	14.335	14.382	HH	22483	598908	2.37%	0.045%
310	14.384	14.382	14.397	HH	22051	184261	3.88%	0.074%
311	14.402	14.397	14.421	HH	20960	301955	5.16%	0.099%
312	14.431	14.421	14.454	HH	21019	401078	5.51%	0.105%
313	14.472	14.454	14.491	HH	20318	428366	1.70%	0.032%
314	14.496	14.491	14.502	HH	19650	132218	6.16%	0.118%
315	14.531	14.502	14.540	HH	23057	478716	10.30%	0.197%
316	14.580	14.540	14.595	HH	25545	800560	15.14%	0.289%
317	14.620	14.595	14.656	HH	50895	1177450	5.06%	0.097%
318	14.670	14.656	14.685	HH	22497	393581	6.36%	0.122%
319	14.706	14.685	14.718	HH	26208	494542	5.33%	0.102%
320	14.724	14.718	14.746	HH	26139	414447	18.30%	0.350%
321	14.797	14.746	14.819	HH	45731	1423112	3.81%	0.073%
322	14.828	14.819	14.837	HH	27888	296394	14.97%	0.286%
323	14.862	14.837	14.885	HH	62517	1164116	22.78%	0.435%
324	14.924	14.885	14.963	HH	61613	1771354	8.67%	0.166%
325	14.986	14.963	15.004	HH	28629	674175	36.82%	0.703%
326	15.042	15.004	15.087	HH	139696	2863081	14.24%	0.272%
327	15.129	15.087	15.148	HH	37227	1107378	30.62%	0.585%
328	15.176	15.148	15.198	HH	151773	2381242	29.93%	0.572%
329	15.220	15.198	15.231	HH	183971	2327186	44.54%	0.851%
330	15.247	15.231	15.286	HH	223860	3463192	30.02%	0.574%
331	15.338	15.286	15.392	HH	54570	2334208	15.97%	0.305%
332	15.418	15.392	15.454	HH	38067	1242139	13.14%	0.251%
333	15.480	15.454	15.499	HH	44391	1021889	8.62%	0.165%
334	15.519	15.499	15.528	HH	40544	670181	13.19%	0.252%
335	15.534	15.528	15.577	HH	39769	1025707	41.15%	0.786%
336	15.627	15.577	15.698	HH	76185	3199647	4.32%	0.083%
337	15.705	15.698	15.715	HH	35958	336145	5.01%	0.096%
338	15.720	15.715	15.734	HH	34574	389323	11.43%	0.218%
339	15.769	15.734	15.773	HH	39984	888786	2.36%	0.045%
340	15.777	15.773	15.781	HH	39578	183534	5.22%	0.100%
341	15.786	15.781	15.798	HH	40255	406043	28.31%	0.541%
342	15.849	15.798	15.876	HH	57867	2201208	14.28%	0.273%
343	15.888	15.876	15.923	HH	43803	1110071	7.14%	

					rters			
352	16.319	16.302	16.366	HH	45528	1622597	20.87%	0.399%
353	16.384	16.366	16.390	HH	40238	555827		
354	16.411	16.390	16.423	HH	40459	792576	10.77%	0.399%
355	16.470	16.423	16.507	HH	51503	2275164	29.14%	0.399%
356	16.526	16.507	16.546	HH	51214	1109861	14.77%	0.310%
357	16.584	16.546	16.623	HH	51597	2240509	28.14%	0.310%
358	16.647	16.623	16.661	HH	63161	1262472	16.24%	0.310%
359	16.673	16.661	16.697	HH	62676	1216934	15.65%	0.299%
360	16.745	16.697	16.762	HH	207821	4146834	53.33%	1.019%
361	16.772	16.762	16.811	HH	117974	2191136	28.18%	0.538%
362	16.834	16.811	16.851	HH	56985	1277163	16.42%	0.314%
363	16.874	16.851	16.897	HH	71147	1612322	20.73%	0.396%
364	16.914	16.897	16.951	HH	55760	1689565	21.73%	0.415%
365	16.967	16.951	16.976	HH	53588	774489	9.96%	0.190%
366	16.994	16.976	17.011	HH	57430	1164853	14.98%	0.286%
367	17.066	17.011	17.095	HH	151302	4017606	51.67%	0.987%
368	17.125	17.095	17.169	HH	174907	3848530	49.49%	0.946%
369	17.225	17.169	17.256	HH	277120	5676416	73.00%	1.395%
370	17.276	17.256	17.292	HH	62341	1286257	16.54%	0.316%
371	17.298	17.292	17.321	HH	59567	990449	12.74%	0.243%
372	17.324	17.321	17.328	HH	55966	229651	2.95%	0.056%
373	17.336	17.328	17.342	HH	57063	497185	6.39%	0.122%
374	17.369	17.342	17.407	HH	61001	2278138	29.30%	0.560%
375	17.424	17.407	17.448	HH	58139	1389299	17.87%	0.341%
376	17.485	17.448	17.524	HH	66025	2823737	36.31%	0.694%
377	17.528	17.524	17.531	HH	59928	233894	3.01%	0.057%
378	17.534	17.531	17.551	HH	60186	738815	9.50%	0.182%
379	17.562	17.551	17.567	HH	58406	545841	7.02%	0.134%
380	17.597	17.567	17.614	HH	68543	1799064	23.14%	0.442%
381	17.620	17.614	17.642	HH	67178	1107054	14.24%	0.272%
382	17.653	17.642	17.662	HH	66801	765534	9.84%	0.188%
383	17.677	17.662	17.699	HH	71762	1496884	19.25%	0.368%
384	17.712	17.699	17.730	HH	64905	1171593	15.07%	0.288%
385	17.744	17.730	17.769	HH	62468	1416274	18.21%	0.348%
386	17.787	17.769	17.813	HH	67973	1705139	21.93%	0.419%
387	17.818	17.813	17.821	HH	62359	273301	3.51%	0.067%
388	17.830	17.821	17.868	HH	62629	1721315	22.14%	0.423%
389	17.885	17.868	17.905	HH	61711	1366888	17.58%	0.336%
390	17.926	17.905	17.942	HH	62034	1353400	17.40%	0.333%
391	17.954	17.942	17.964	HH	61846	788609	10.14%	0.194%
392	17.967	17.964	17.975	HH	60956	386721	4.97%	0.095%
393	18.012	17.975	18.022	HH	65701	1809301	23.27%	0.445%
394	18.026	18.022	18.034	HH	64930	447445	5.75%	0.110%
395	18.117	18.034	18.149	HH	255590	7132564	91.72%	1.752%
396	18.155	18.149	18.169	HH	68816	821314	10.56%	0.202%
397	18.207	18.169	18.217	HH	74836	2052902	26.40%	0.504%
398	18.224	18.217	18.244	HH	72611	1122909	14.44%	0.276%
399	18.263	18.244	18.322	HH	83623	3509639	45.13%	0.862%
400	18.349	18.322	18.376	HH	75939	2265996	29.14%	0.557%
401	18.405	18.376	18.454	HH	93553	3685383	47.39%	0.906%
402	18.502	18.454	18.522	HH	176212	4551042	58.53%	1.118%
403	18.541	18.522	18.567	HH	99765	2368859	30.46%	0.582%
404	18.584	18.567	18.607	HH	77502	1757727	22.60%	0.432%

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

							Instrument : FID_G	
							ClientSampleId : WASTEMS	
rteres								
405	18.630	18.607	18.648	HH	94940	2065948	26.57%	0.508%
406	18.667	18.648	18.729	HH	94393	3819313	49.00%	0.400%
407	18.757	18.729	18.796	HH	164113	4041552	51.00%	0.400%
408	18.839	18.796	18.855	HH	80880	2706534	34.00%	0.400%
409	18.886	18.855	18.910	HH	91532	2660700	34.00%	0.400%
410	18.952	18.910	18.991	HH	252989	6239172	80.00%	0.400%
Manual IntegrationsAPPROVED								
411	18.996	18.991	19.006	HH	75029	639690	8.23%	0.157%
412	19.019	19.006	19.029	HH	74739	1013628	13.04%	0.249%
413	19.054	19.029	19.081	HH	88295	2579676	33.17%	0.634%
414	19.106	19.081	19.134	HH	81910	2517254	32.37%	0.618%
415	19.157	19.134	19.170	HH	79858	1679071	21.59%	0.413%
416	19.188	19.170	19.192	HH	79233	1052833	13.54%	0.259%
417	19.196	19.192	19.200	HH	78603	358942	4.62%	0.088%
418	19.208	19.200	19.221	HH	80229	1012445	13.02%	0.249%
419	19.224	19.221	19.228	HH	80048	318886	4.10%	0.078%
420	19.231	19.228	19.241	HH	78515	593570	7.63%	0.146%
421	19.266	19.241	19.283	HH	81987	2028662	26.09%	0.498%
422	19.308	19.283	19.338	HH	103780	3062401	39.38%	0.752%
423	19.349	19.338	19.406	HH	91104	3458635	44.48%	0.850%
424	19.433	19.406	19.447	HH	91369	2127773	27.36%	0.523%
425	19.452	19.447	19.461	HH	87683	756862	9.73%	0.186%
426	19.467	19.461	19.473	HH	87627	595107	7.65%	0.146%
427	19.477	19.473	19.505	HH	86147	1593495	20.49%	0.392%
428	19.535	19.505	19.539	HH	82946	1648406	21.20%	0.405%
429	19.559	19.539	19.574	HH	84351	1723714	22.17%	0.424%
430	19.578	19.574	19.582	HH	82071	404890	5.21%	0.099%
431	19.594	19.582	19.618	HH	83830	1765732	22.71%	0.434%
432	19.624	19.618	19.632	HH	83077	688318	8.85%	0.169%
433	19.638	19.632	19.642	HH	82971	511276	6.58%	0.126%
434	19.647	19.642	19.656	HH	82853	653258	8.40%	0.161%
435	19.664	19.656	19.677	HH	81576	1047305	13.47%	0.257%
436	19.689	19.677	19.694	HH	83417	826191	10.62%	0.203%
437	19.738	19.694	19.786	HH	257742	7325423	94.21%	1.800%
438	19.797	19.786	19.814	HH	94762	1541536	19.82%	0.379%
439	19.849	19.814	19.882	HH	100480	3693905	47.50%	0.908%
440	19.917	19.882	19.946	HH	119258	3907652	50.25%	0.960%
441	19.982	19.946	20.014	HH	121688	4179084	53.74%	1.027%
442	20.032	20.014	20.042	HH	97083	1638922	21.08%	0.403%
443	20.044	20.042	20.061	HH	97163	1045648	13.45%	0.257%
444	20.070	20.061	20.075	HH	101295	863217	11.10%	0.212%
445	20.080	20.075	20.089	HH	102676	807083	10.38%	0.198%
446	20.094	20.089	20.100	HH	102250	713494	9.18%	0.175%
447	20.108	20.100	20.127	HH	102391	1601981	20.60%	0.394%
448	20.155	20.127	20.171	HH	95893	2446892	31.47%	0.601%
449	20.173	20.171	20.180	HH	93896	501228	6.45%	0.123%
450	20.191	20.180	20.203	HH	97520	1331841	17.13%	0.327%
451	20.207	20.203	20.221	HH	95305	993330	12.77%	0.244%
452	20.228	20.221	20.242	HH	93287	1191999	15.33%	0.293%
453	20.293	20.242	20.326	HH	131324	5467656	70.31%	1.343%
454	20.336	20.326	20.340	HH	97609	799184	10.28%	0.196%
455	20.366	20.340	20.381	HH	104381	2442848	31.42%	0.600%
456	20.387	20.381	20.409	HH	100025	1637733	21.06%	0.402%

						Instrument : FID_G ClientSampleId : WASTEMS		
457	20.436	20.409	20.447	HH	101540	2194677	28.22%	0.539%
458	20.480	20.447	20.513	HH	279880	6547759	84.22%	0.539%
459	20.541	20.513	20.554	HH	99495	2423856	31.11%	0.539%
460	20.568	20.554	20.601	HH	99528	2743550	35.11%	0.539%
461	20.611	20.601	20.656	HH	97882	3146647	40.22%	0.539%
462	20.667	20.656	20.692	HH	96809	2104498	27.11%	0.539%
463	20.697	20.692	20.708	HH	97292	880459	11.32%	0.216%
464	20.731	20.708	20.746	HH	98580	2206795	28.38%	0.542%
465	20.764	20.746	20.769	HH	97654	1345859	17.31%	0.331%
466	20.781	20.769	20.796	HH	97795	1538947	19.79%	0.378%
467	20.822	20.796	20.830	HH	99534	2015967	25.93%	0.495%
468	20.837	20.830	20.877	HH	101944	2768427	35.60%	0.680%
469	20.888	20.877	20.911	HH	96165	1927303	24.79%	0.474%
470	20.916	20.911	20.929	HH	94142	958252	12.32%	0.235%
471	20.933	20.929	20.937	HH	94507	453432	5.83%	0.111%
472	20.946	20.937	20.966	HH	95920	1646848	21.18%	0.405%
473	20.968	20.966	20.982	HH	94799	936558	12.04%	0.230%
474	20.990	20.982	21.016	HH	94286	1845883	23.74%	0.454%
475	21.032	21.016	21.037	HH	93557	1194466	15.36%	0.293%
476	21.045	21.037	21.060	HH	92318	1249091	16.06%	0.307%
477	21.084	21.060	21.092	HH	92748	1775146	22.83%	0.436%
478	21.094	21.092	21.098	HH	92498	311331	4.00%	0.076%
479	21.102	21.098	21.115	HH	92403	906738	11.66%	0.223%
480	21.119	21.115	21.124	HH	91573	526707	6.77%	0.129%
481	21.128	21.124	21.133	HH	90956	457578	5.88%	0.112%
482	21.137	21.133	21.152	HH	92015	1058565	13.61%	0.260%
483	21.162	21.152	21.169	HH	90099	872082	11.21%	0.214%
484	21.175	21.169	21.179	HH	89158	557162	7.17%	0.137%
485	21.231	21.179	21.273	HH	246955	7776034	100.00%	1.911%
486	21.277	21.273	21.282	HH	89518	455449	5.86%	0.112%
487	21.306	21.282	21.318	HH	94256	1990915	25.60%	0.489%
488	21.330	21.318	21.336	HH	93587	997539	12.83%	0.245%
489	21.346	21.336	21.377	HH	92047	2226014	28.63%	0.547%
490	21.387	21.377	21.391	HH	88076	719131	9.25%	0.177%
491	21.396	21.391	21.405	HH	88170	711292	9.15%	0.175%
492	21.412	21.405	21.421	HH	88550	857600	11.03%	0.211%
493	21.424	21.421	21.463	HH	89146	2183732	28.08%	0.537%
494	21.467	21.463	21.489	HH	84569	1305009	16.78%	0.321%
495	21.493	21.489	21.501	HH	83035	598645	7.70%	0.147%
496	21.528	21.501	21.556	HH	86161	2784204	35.80%	0.684%
497	21.561	21.556	21.565	HH	83961	445688	5.73%	0.110%
498	21.591	21.565	21.596	HH	86419	1559696	20.06%	0.383%
499	21.618	21.596	21.624	HH	88443	1457600	18.74%	0.358%
500	21.629	21.624	21.640	HH	86335	792368	10.19%	0.195%
501	21.695	21.640	21.699	HH	91562	3094335	39.79%	0.760%
502	21.709	21.699	21.741	HH	93670	2280882	29.33%	0.560%
503	21.752	21.741	21.763	HH	87326	1154750	14.85%	0.284%
504	21.769	21.763	21.779	HH	85097	806242	10.37%	0.198%
505	21.787	21.779	21.847	HH	85488	3321825	42.72%	0.816%
506	21.855	21.847	21.867	HH	78624	934161	12.01%	0.230%
507	21.881	21.867	21.888	HH	78699	951809	12.24%	0.234%
508	21.892	21.888	21.909	HH	78125	992091	12.76%	0.244%
509	21.922	21.909	21.954	HH	81175	2112557	27.17%	0.519%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

510	21.959	21.954	21.974	HH	78086	944610	12.15%	0.232%
511	22.016	21.974	22.040	HH	85184	3185598	40	
512	22.050	22.040	22.061	HH	79325	1019056	13	
513	22.095	22.061	22.112	HH	84356	2472811	31	
514	22.173	22.112	22.201	HHA	188738	6896511	88	
Sum of corrected areas:					4069			

Instrument :
FID_G
ClientSampleId :
WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

FG011325.M Mon Feb 10 00:13:28 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	WASTEMSD	SDG No.:	Q1290
Lab Sample ID:	Q1290-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	87.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015365.D	1	02/07/25 08:13	02/07/25 18:15	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	117000	E	362	3230	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.4		37 - 130	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015365.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 18:15
 Operator : YP\AJ
 Sample : Q1290-01MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 05:57:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.043	1591686	12.409 ug/ml
Target Compounds			
1) N-OCTANE	1.997	1693874	13.882 ug/ml
2) N-DECANE	4.535	2313859	17.913 ug/ml
3) N-DODECANE	6.717	2530434	18.574 ug/ml
4) N-TETRADECANE	8.554	2645081	19.326 ug/ml
5) N-HEXADECANE	10.169	2707447	19.187 ug/ml
6) N-OCTADECANE	11.619	2773582	18.908 ug/ml
7) N-EICOSANE	12.936	2755320	18.952 ug/ml
8) N-DOCOSANE	14.139	2831648	19.738 ug/ml
10) N-TETRACOSANE	15.248	2564929	17.959 ug/ml
11) N-HEXACOSANE	16.274	2651131	18.824 ug/ml
12) N-OCTACOSANE	17.227	2981083	21.288 ug/ml
13) N-TRIACONTANE	18.118	2557195	17.974 ug/mlm
14) N-DOTRIACONTANE	18.954	2765843	19.900 ug/ml
15) N-TETRATRIACONTANE	19.740	2761969	22.043 ug/ml
16) N-HEXATRIACONTANE	20.479	2715815	25.132 ug/mlm
17) N-OCTATRIACONTANE	21.231	2829456	28.685 ug/mlm
18) N-TETRACONTANE	22.171	3052346	32.875 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
Data File : FG015365.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 18:15
Operator : YP\AJ
Sample : Q1290-01MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

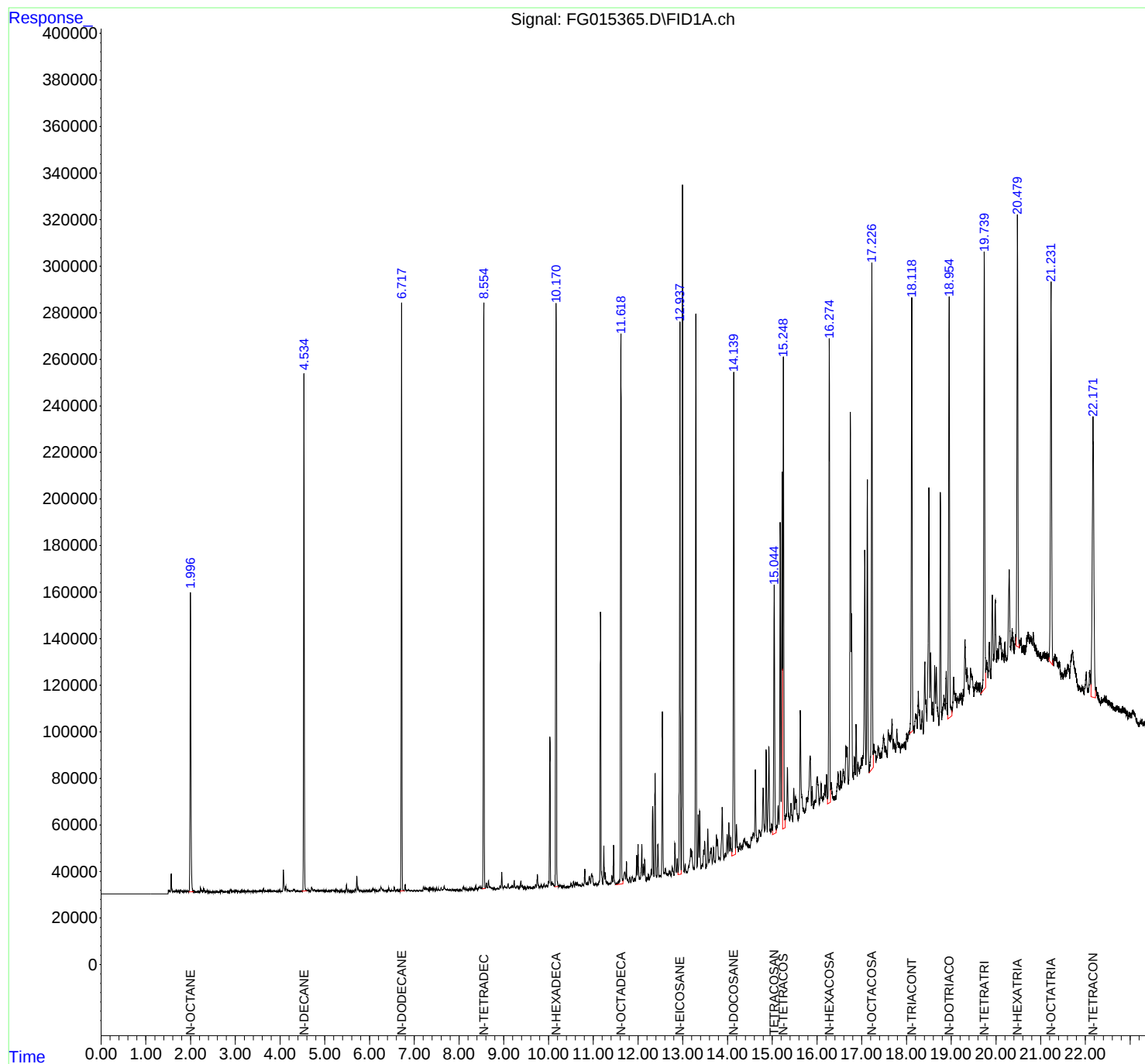
Instrument :
FID_G
ClientSampleId :
WASTEMSD

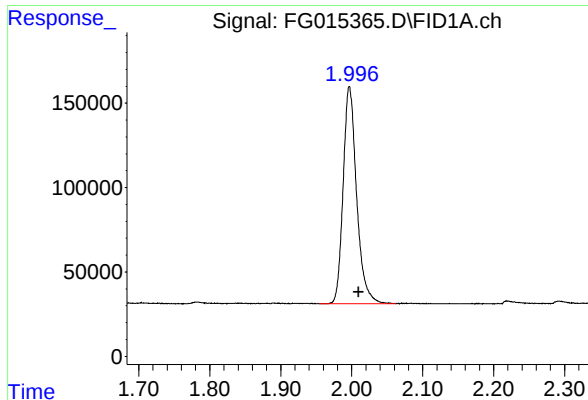
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
Quant Time: Feb 08 05:57:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Quant Title :
QLast Update : Fri Jan 24 12:51:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





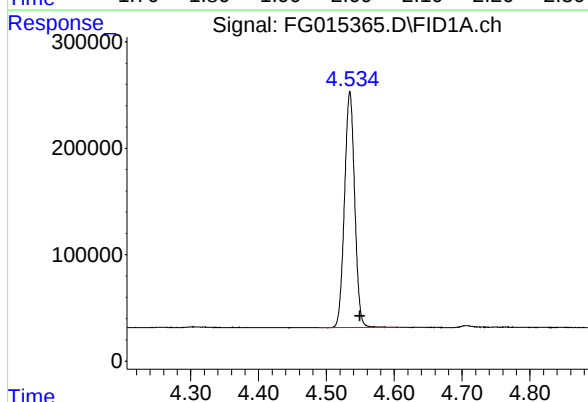
#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 1693874
Conc: 13.88 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

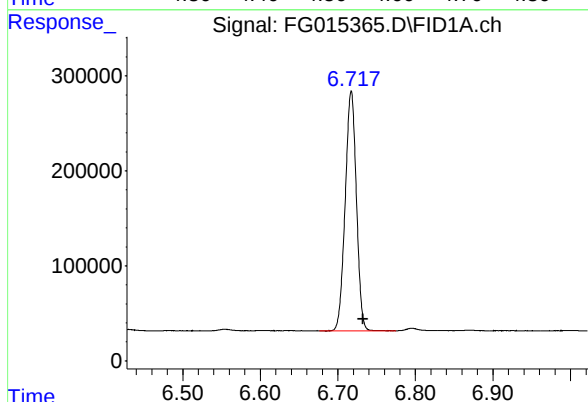
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



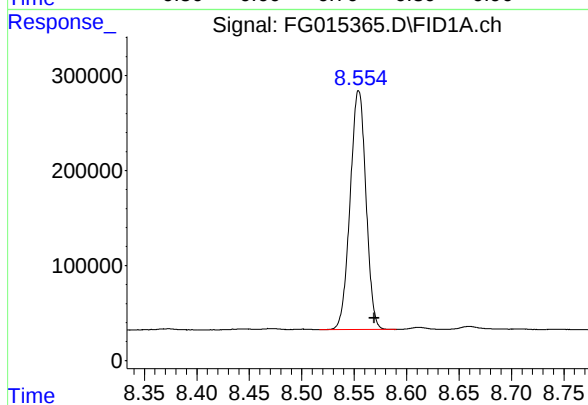
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.015 min
Response: 2313859
Conc: 17.91 ug/ml



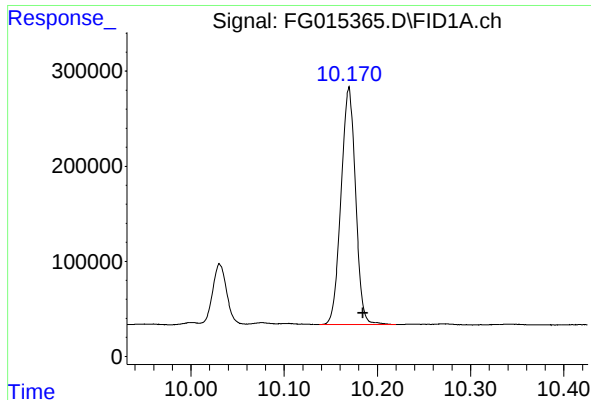
#3 N-DODECANE

R.T.: 6.717 min
Delta R.T.: -0.015 min
Response: 2530434
Conc: 18.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.554 min
Delta R.T.: -0.015 min
Response: 2645081
Conc: 19.33 ug/ml



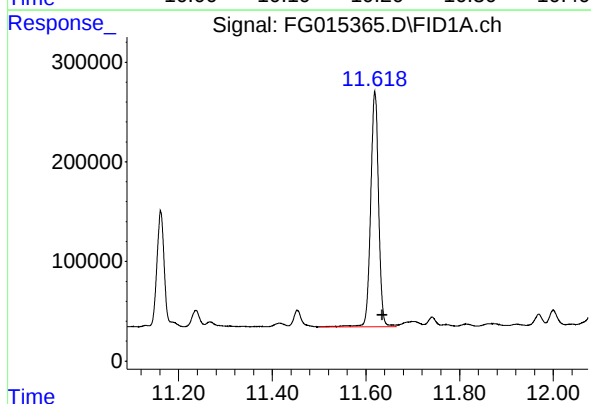
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: -0.015 min
Response: 2707447
Conc: 19.19 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

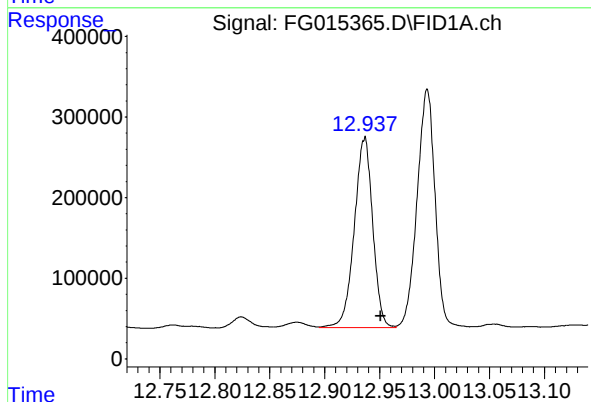
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



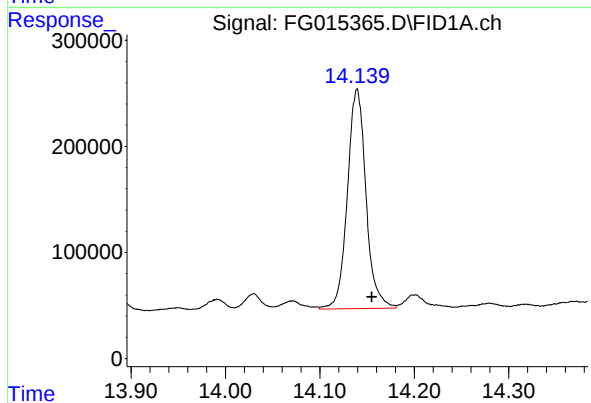
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.016 min
Response: 2773582
Conc: 18.91 ug/ml



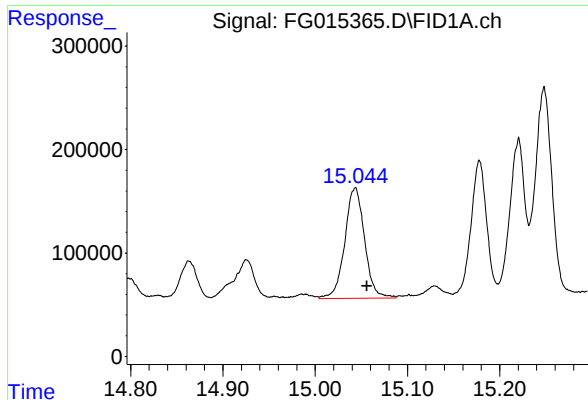
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 2755320
Conc: 18.95 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: -0.016 min
Response: 2831648
Conc: 19.74 ug/ml



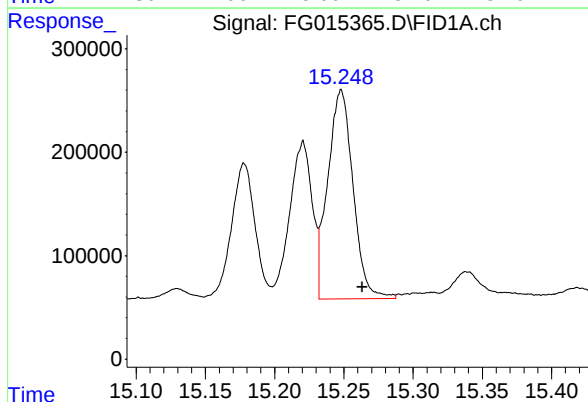
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: -0.013 min
Response: 1591686
Conc: 12.41 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

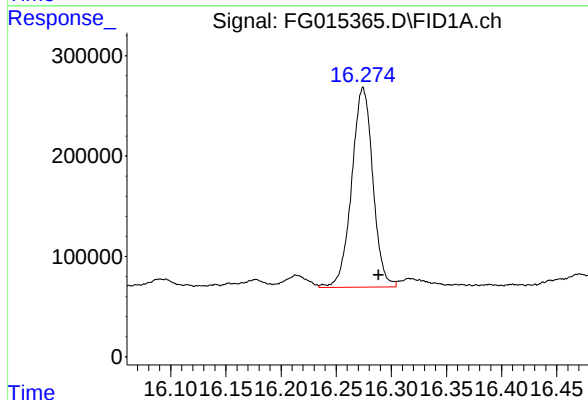
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



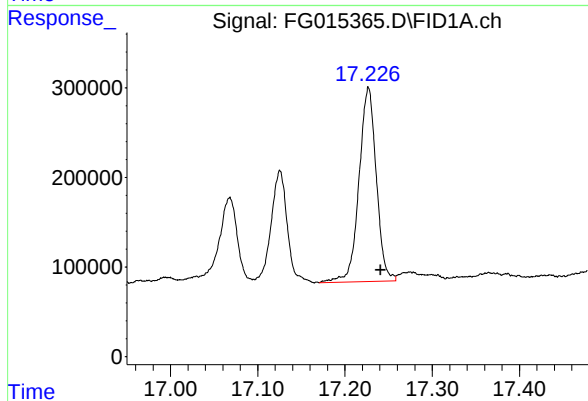
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.015 min
Response: 2564929
Conc: 17.96 ug/ml



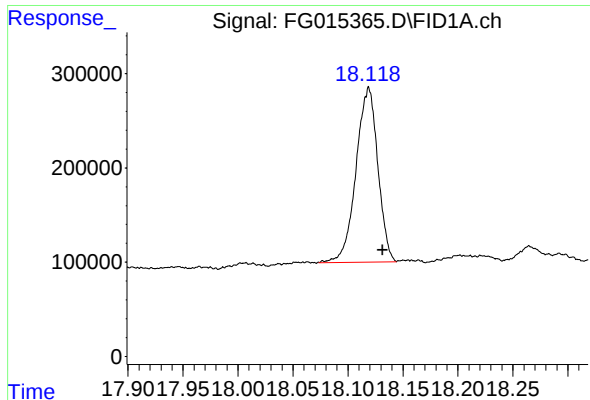
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.014 min
Response: 2651131
Conc: 18.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: -0.014 min
Response: 2981083
Conc: 21.29 ug/ml



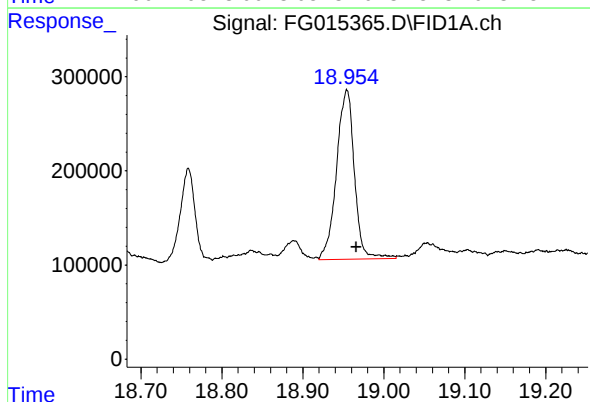
#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 2557195
Conc: 17.97 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

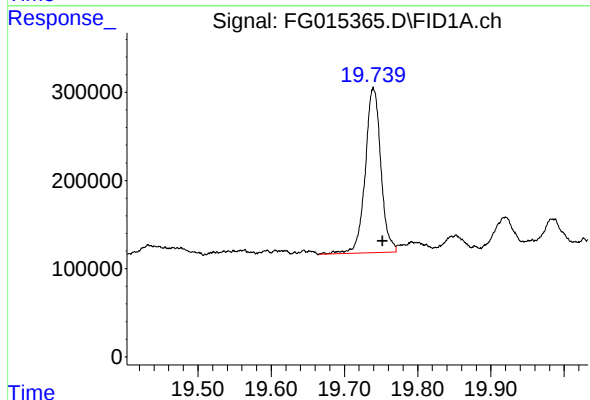
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



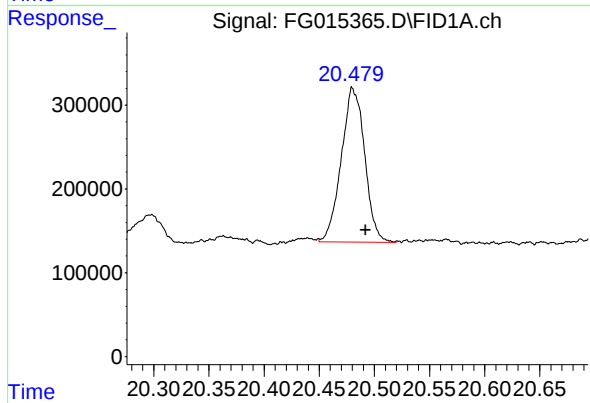
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.011 min
Response: 2765843
Conc: 19.90 ug/ml



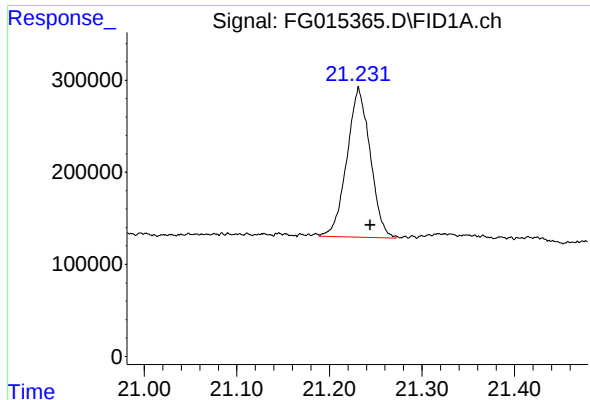
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: -0.013 min
Response: 2761969
Conc: 22.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 2715815
Conc: 25.13 ug/ml m



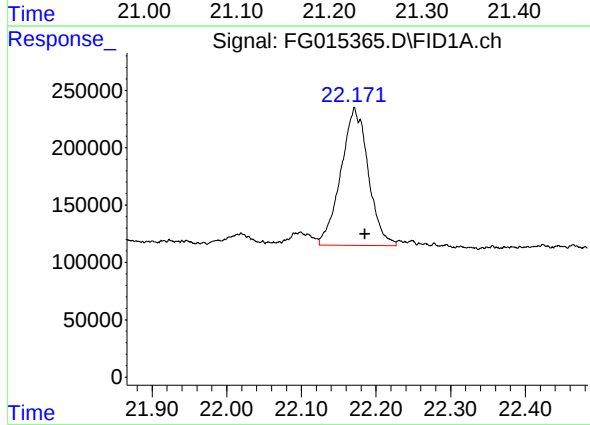
#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.013 min
Response: 2829456
Conc: 28.68 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



#18 N-TETRACONTANE

R.T.: 22.171 min
Delta R.T.: -0.014 min
Response: 3052346
Conc: 32.87 ug/ml

rteres

Instrument :

FID_G

ClientSampleId :

WASTEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG02072
Data File : FG015365.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 18:15
Sample : Q1290-01MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.935	1.900	1.964	BV	140	-289	-0.00%	-0.000%
2	1.997	1.964	2.067	PV	128595	1689124	20.58%	0.417%
3	2.072	2.067	2.081	PV	156	319	0.00%	0.000%
4	2.084	2.081	2.131	VV	257	-1525	-0.02%	-0.000%
5	2.137	2.131	2.141	PV	-67	-631	-0.01%	-0.000%
6	2.170	2.141	2.174	PV	-7	-2177	-0.03%	-0.001%
7	2.178	2.174	2.201	PV	-76	-2211	-0.03%	-0.001%
8	2.220	2.201	2.280	PV	1516	17249	0.21%	0.004%
9	2.292	2.280	2.344	PV	1387	16209	0.20%	0.004%
10	2.349	2.344	2.360	PV	40	-406	-0.00%	-0.000%
11	2.372	2.360	2.392	PV	141	727	0.01%	0.000%
12	2.393	2.392	2.418	PV	82	-1261	-0.02%	-0.000%
13	2.423	2.418	2.428	PV	-53	-696	-0.01%	-0.000%
14	2.441	2.428	2.448	PV	-29	-1455	-0.02%	-0.000%
15	2.473	2.448	2.485	PV	-43	-2686	-0.03%	-0.001%
16	2.493	2.485	2.518	PV	65	-1886	-0.02%	-0.000%
17	2.523	2.518	2.529	PV	-39	-886	-0.01%	-0.000%
18	2.534	2.529	2.544	PV	-23	-931	-0.01%	-0.000%
19	2.574	2.544	2.593	PV	201	-1216	-0.01%	-0.000%
20	2.599	2.593	2.613	PV	-60	-1406	-0.02%	-0.000%
21	2.618	2.613	2.622	PV	-56	-704	-0.01%	-0.000%
22	2.643	2.622	2.668	PV	-1	-3241	-0.04%	-0.001%
23	2.692	2.668	2.732	PV	453	4348	0.05%	0.001%
24	2.736	2.732	2.746	PV	-21	-438	-0.01%	-0.000%
25	2.760	2.746	2.764	PV	-12	-603	-0.01%	-0.000%
26	2.778	2.764	2.797	PV	95	123	0.00%	0.000%
27	2.803	2.797	2.816	PV	70	-238	-0.00%	-0.000%
28	2.825	2.816	2.831	PV	51	-698	-0.01%	-0.000%
29	2.834	2.831	2.847	PV	28	-697	-0.01%	-0.000%
30	2.890	2.847	2.895	PV	537	2890	0.04%	0.001%
31	2.898	2.895	2.903	VV	458	2054	0.03%	0.001%
32	2.905	2.903	2.936	VV	522	5203	0.06%	0.001%
33	2.972	2.936	2.986	VV	288	3589	0.04%	0.001%
34	3.011	2.986	3.060	PV	481	7940	0.10%	0.002%
35	3.064	3.060	3.074	PV	146	786	0.01%	0.000%
36	3.078	3.074	3.083	VV	103	457	0.01%	0.000%

37	3.086	3.083	3.101	VV	96	557	0.01%	0.000%
38	3.143	3.101	3.176	PV	492	6855	0.01%	0.000%
39	3.190	3.176	3.208	VV	266	3221	0.01%	0.000%
40	3.212	3.208	3.228	PV	326	1007	0.01%	0.000%
41	3.236	3.228	3.244	PV	135	963	0.01%	0.000%
42	3.247	3.244	3.252	VV	130	418	0.01%	0.000%
43	3.272	3.252	3.281	VV	327	3539	0.04%	0.001%
44	3.285	3.281	3.309	VV	179	1640	0.02%	0.000%
45	3.314	3.309	3.320	VV	83	218	0.00%	0.000%
46	3.344	3.320	3.355	PV	104	835	0.01%	0.000%
47	3.361	3.355	3.374	PV	92	680	0.01%	0.000%
48	3.376	3.374	3.426	PV	253	4143	0.05%	0.001%
49	3.430	3.426	3.437	VV	211	952	0.01%	0.000%
50	3.442	3.437	3.487	VV	284	4168	0.05%	0.001%
51	3.492	3.487	3.520	VV	304	3722	0.05%	0.001%
52	3.524	3.520	3.529	VV	248	918	0.01%	0.000%
53	3.534	3.529	3.538	VV	185	916	0.01%	0.000%
54	3.559	3.538	3.581	VV	350	5632	0.07%	0.001%
55	3.598	3.581	3.603	VV	199	2411	0.03%	0.001%
56	3.608	3.603	3.614	VV	297	1362	0.02%	0.000%
57	3.630	3.614	3.667	VV	901	12829	0.16%	0.003%
58	3.675	3.667	3.702	VV	254	3604	0.04%	0.001%
59	3.728	3.702	3.754	VV	394	8981	0.11%	0.002%
60	3.758	3.754	3.762	VV	260	1187	0.01%	0.000%
61	3.768	3.762	3.799	VV	335	4429	0.05%	0.001%
62	3.804	3.799	3.813	VV	364	1744	0.02%	0.000%
63	3.822	3.813	3.832	VV	173	1543	0.02%	0.000%
64	3.863	3.832	3.904	VV	295	8635	0.11%	0.002%
65	3.908	3.904	3.924	VV	144	1371	0.02%	0.000%
66	3.957	3.924	3.961	PV	232	2917	0.04%	0.001%
67	3.965	3.961	3.972	VV	358	1333	0.02%	0.000%
68	3.985	3.972	3.992	VV	372	3317	0.04%	0.001%
69	3.995	3.992	4.024	VV	309	4297	0.05%	0.001%
70	4.034	4.024	4.047	VV	182	1848	0.02%	0.000%
71	4.075	4.047	4.112	VV	9347	118889	1.45%	0.029%
72	4.129	4.112	4.159	VV	2246	32987	0.40%	0.008%
73	4.169	4.159	4.206	VH	715	13364	0.16%	0.003%
74	4.218	4.206	4.234	HH	283	3740	0.05%	0.001%
75	4.259	4.234	4.284	HH	473	9316	0.11%	0.002%
76	4.304	4.284	4.358	HH	905	21445	0.26%	0.005%
77	4.363	4.358	4.368	HH	275	1445	0.02%	0.000%
78	4.372	4.368	4.390	HH	310	3120	0.04%	0.001%
79	4.406	4.390	4.415	HH	276	3265	0.04%	0.001%
80	4.425	4.415	4.438	HH	211	2049	0.02%	0.001%
81	4.439	4.438	4.450	HH	195	982	0.01%	0.000%
82	4.471	4.450	4.481	HH	215	2507	0.03%	0.001%
83	4.482	4.481	4.501	HH	219	1786	0.02%	0.000%
84	4.535	4.501	4.603	HH	222368	2332642	28.42%	0.577%
85	4.606	4.603	4.628	HH	559	6952	0.08%	0.002%
86	4.630	4.628	4.643	HH	430	3675	0.04%	0.001%
87	4.645	4.643	4.684	HH	545	8364	0.10%	0.002%
88	4.707	4.684	4.741	HH	2018	32662	0.40%	0.008%
89	4.749	4.741	4.756	HH	697	5265	0.06%	0.001%

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					retention			
90	4.764	4.756	4.811	HH	627	15776	0.19%	0.004%
91	4.820	4.811	4.837	HH	474	6119		
92	4.842	4.837	4.874	HH	414	7303		
93	4.878	4.874	4.883	HH	364	1387		
94	4.888	4.883	4.893	HH	351	1780		
95	4.910	4.893	4.924	HH	549	7388		
96	4.929	4.924	4.939	HH	425	3171	0.04%	0.001%
97	4.952	4.939	4.993	HH	404	9598	0.12%	0.002%
98	5.003	4.993	5.027	HH	408	5939	0.07%	0.001%
99	5.044	5.027	5.070	HH	364	6270	0.08%	0.002%
100	5.072	5.070	5.106	HH	342	6081	0.07%	0.002%
101	5.108	5.106	5.112	HH	364	1048	0.01%	0.000%
102	5.120	5.112	5.142	HH	421	5072	0.06%	0.001%
103	5.158	5.142	5.173	HH	833	9255	0.11%	0.002%
104	5.181	5.173	5.220	HH	664	11485	0.14%	0.003%
105	5.224	5.220	5.230	HH	337	1190	0.01%	0.000%
106	5.252	5.230	5.315	HH	775	16495	0.20%	0.004%
107	5.325	5.315	5.343	HH	335	2850	0.03%	0.001%
108	5.359	5.343	5.398	HH	583	9546	0.12%	0.002%
109	5.404	5.398	5.432	HH	210	2345	0.03%	0.001%
110	5.434	5.432	5.438	HH	187	308	0.00%	0.000%
111	5.447	5.438	5.466	PH	148	2084	0.03%	0.001%
112	5.484	5.466	5.508	PH	2969	33436	0.41%	0.008%
113	5.519	5.508	5.544	HH	490	5851	0.07%	0.001%
114	5.553	5.544	5.587	HH	339	3990	0.05%	0.001%
115	5.589	5.587	5.600	PH	173	311	0.00%	0.000%
116	5.608	5.600	5.633	PH	129	1645	0.02%	0.000%
117	5.643	5.633	5.663	HH	217	1694	0.02%	0.000%
118	5.680	5.663	5.697	HH	1172	12087	0.15%	0.003%
119	5.717	5.697	5.740	HH	6827	76375	0.93%	0.019%
120	5.747	5.740	5.777	HH	1330	14067	0.17%	0.003%
121	5.798	5.777	5.817	HH	508	7791	0.09%	0.002%
122	5.821	5.817	5.829	HH	279	1250	0.02%	0.000%
123	5.836	5.829	5.855	HH	366	2987	0.04%	0.001%
124	5.871	5.855	5.876	HH	404	3696	0.05%	0.001%
125	5.880	5.876	5.902	HH	419	2912	0.04%	0.001%
126	5.936	5.902	5.965	HH	595	12356	0.15%	0.003%
127	5.971	5.965	5.984	HH	300	3257	0.04%	0.001%
128	6.010	5.984	6.041	HH	627	10286	0.13%	0.003%
129	6.080	6.041	6.142	HH	1239	34964	0.43%	0.009%
130	6.153	6.142	6.179	HH	586	9413	0.11%	0.002%
131	6.194	6.179	6.203	HH	383	4394	0.05%	0.001%
132	6.218	6.203	6.233	HH	760	10199	0.12%	0.003%
133	6.257	6.233	6.293	HH	1892	41884	0.51%	0.010%
134	6.303	6.293	6.329	HH	719	10932	0.13%	0.003%
135	6.350	6.329	6.385	HH	595	12142	0.15%	0.003%
136	6.398	6.385	6.412	HH	410	5758	0.07%	0.001%
137	6.430	6.412	6.464	HH	1751	26022	0.32%	0.006%
138	6.483	6.464	6.493	HH	598	6581	0.08%	0.002%
139	6.498	6.493	6.508	HH	423	3326	0.04%	0.001%
140	6.512	6.508	6.532	HH	405	4765	0.06%	0.001%
141	6.554	6.532	6.590	HH	1921	28688	0.35%	0.007%

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0.19% 0.004%

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				rt	Area	Area%	Height	Height%
142	6.602	6.590	6.619	HH	644	8658	0.11%	0.002%
143	6.633	6.619	6.650	HH	648	7598	0.11%	0.002%
144	6.653	6.650	6.671	HH	532	3009	0.07%	0.002%
145	6.673	6.671	6.685	HH	389	1592	0.05%	0.001%
146	6.717	6.685	6.775	HH	252940	2545990	31.12%	0.002%
147	6.796	6.775	6.822	HH	2953	38311	0.36%	0.007%
148	6.826	6.822	6.856	HH	538	9569	0.12%	0.002%
149	6.871	6.856	6.895	HH	879	13826	0.17%	0.003%
150	6.915	6.895	6.940	HH	512	10518	0.13%	0.003%
151	6.943	6.940	6.958	HH	392	3716	0.05%	0.001%
152	6.982	6.958	6.987	HH	411	5793	0.07%	0.001%
153	7.000	6.987	7.026	HH	627	9250	0.11%	0.002%
154	7.046	7.026	7.093	HH	554	16252	0.20%	0.004%
155	7.124	7.093	7.148	HH	668	14019	0.17%	0.003%
156	7.166	7.148	7.186	HH	431	8160	0.10%	0.002%
157	7.206	7.186	7.225	HH	2072	29789	0.36%	0.007%
158	7.246	7.225	7.281	HH	1610	42098	0.51%	0.010%
159	7.285	7.281	7.328	HH	1235	25543	0.31%	0.006%
160	7.354	7.328	7.375	HH	1978	32036	0.39%	0.008%
161	7.388	7.375	7.425	HH	1454	29995	0.37%	0.007%
162	7.439	7.425	7.472	HH	1500	25072	0.31%	0.006%
163	7.490	7.472	7.520	HH	1601	24932	0.30%	0.006%
164	7.537	7.520	7.556	HH	1405	18704	0.23%	0.005%
165	7.561	7.556	7.582	HH	688	9587	0.12%	0.002%
166	7.601	7.582	7.628	HH	1695	29694	0.36%	0.007%
167	7.641	7.628	7.650	HH	892	10466	0.13%	0.003%
168	7.668	7.650	7.718	HH	2393	52125	0.64%	0.013%
169	7.733	7.718	7.769	HH	997	22622	0.28%	0.006%
170	7.786	7.769	7.798	HH	764	10745	0.13%	0.003%
171	7.801	7.798	7.824	HH	782	10046	0.12%	0.002%
172	7.846	7.824	7.878	HH	974	22016	0.27%	0.005%
173	7.887	7.878	7.908	HH	666	10199	0.12%	0.003%
174	7.955	7.908	7.972	HH	1013	24686	0.30%	0.006%
175	7.977	7.972	7.992	HH	642	6612	0.08%	0.002%
176	8.012	7.992	8.027	HH	854	14464	0.18%	0.004%
177	8.030	8.027	8.057	HH	743	11253	0.14%	0.003%
178	8.100	8.057	8.112	HH	2097	42668	0.52%	0.011%
179	8.126	8.112	8.145	HH	1672	25164	0.31%	0.006%
180	8.150	8.145	8.153	HH	1009	4810	0.06%	0.001%
181	8.158	8.153	8.179	HH	1153	13038	0.16%	0.003%
182	8.195	8.179	8.224	HH	885	19625	0.24%	0.005%
183	8.248	8.224	8.264	HH	1480	24945	0.30%	0.006%
184	8.280	8.264	8.292	HH	1238	17523	0.21%	0.004%
185	8.302	8.292	8.331	HH	1466	23509	0.29%	0.006%
186	8.373	8.331	8.410	HH	2279	60474	0.74%	0.015%
187	8.446	8.410	8.458	HH	2064	42111	0.51%	0.010%
188	8.472	8.458	8.488	HH	2263	32617	0.40%	0.008%
189	8.502	8.488	8.522	HH	1733	30345	0.37%	0.007%
190	8.554	8.522	8.590	HH	252823	2699880	32.89%	0.667%
191	8.612	8.590	8.639	HH	3599	66461	0.81%	0.016%
192	8.660	8.639	8.699	HH	4765	96556	1.18%	0.024%
193	8.709	8.699	8.729	HH	1931	29576	0.36%	0.007%
194	8.744	8.729	8.764	HH	1586	29502	0.36%	0.007%

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195	8.780	8.764	8.794	HH	1342	22367	0.27%	0.006%
196	8.798	8.794	8.813	HH	1217	12421		
197	8.860	8.813	8.873	HH	1501	43787		
198	8.883	8.873	8.895	HH	1363	16068		
199	8.916	8.895	8.936	HH	2573	46254		
200	8.957	8.936	8.989	HH	8329	114718		
201	9.008	8.989	9.021	HH	2360	37630	0.46%	0.009%
202	9.029	9.021	9.064	HH	2161	48230	0.59%	0.012%
203	9.095	9.064	9.127	HH	3266	80592	0.98%	0.020%
204	9.150	9.127	9.160	HH	2066	36125	0.44%	0.009%
205	9.166	9.160	9.173	HH	2017	14527	0.18%	0.004%
206	9.175	9.173	9.187	HH	1987	16350	0.20%	0.004%
207	9.201	9.187	9.216	HH	2369	36116	0.44%	0.009%
208	9.235	9.216	9.262	HH	4688	77407	0.94%	0.019%
209	9.300	9.262	9.326	HH	2697	72753	0.89%	0.018%
210	9.342	9.326	9.354	HH	1769	28480	0.35%	0.007%
211	9.383	9.354	9.403	HH	4495	83627	1.02%	0.021%
212	9.416	9.403	9.460	HH	2461	61304	0.75%	0.015%
213	9.473	9.460	9.500	HH	1943	36342	0.44%	0.009%
214	9.528	9.500	9.548	HH	2132	46561	0.57%	0.012%
215	9.565	9.548	9.574	HH	1942	27150	0.33%	0.007%
216	9.584	9.574	9.601	HH	2035	27293	0.33%	0.007%
217	9.614	9.601	9.634	HH	1738	30542	0.37%	0.008%
218	9.668	9.634	9.692	HH	2254	60493	0.74%	0.015%
219	9.712	9.692	9.730	HH	3050	52426	0.64%	0.013%
220	9.751	9.730	9.793	HH	7254	139627	1.70%	0.035%
221	9.831	9.793	9.877	HH	2841	109477	1.33%	0.027%
222	9.903	9.877	9.925	HH	3353	73636	0.90%	0.018%
223	9.950	9.925	9.955	HH	2692	43030	0.52%	0.011%
224	9.959	9.955	9.978	HH	2662	32890	0.40%	0.008%
225	10.001	9.978	10.009	HH	4318	59955	0.73%	0.015%
226	10.031	10.009	10.061	HH	66035	734006	8.94%	0.181%
227	10.077	10.061	10.092	HH	4128	64853	0.79%	0.016%
228	10.102	10.092	10.138	HH	3329	77183	0.94%	0.019%
229	10.170	10.138	10.227	HH	250542	2822595	34.39%	0.698%
230	10.243	10.227	10.258	HH	2667	45957	0.56%	0.011%
231	10.271	10.258	10.315	HH	2864	77285	0.94%	0.019%
232	10.344	10.315	10.391	HH	2521	95709	1.17%	0.024%
233	10.417	10.391	10.433	HH	2317	49227	0.60%	0.012%
234	10.441	10.433	10.450	HH	2000	19685	0.24%	0.005%
235	10.471	10.450	10.487	HH	2313	47745	0.58%	0.012%
236	10.505	10.487	10.533	HH	3410	75207	0.92%	0.019%
237	10.558	10.533	10.581	HH	4354	93324	1.14%	0.023%
238	10.610	10.581	10.626	HH	3586	83610	1.02%	0.021%
239	10.644	10.626	10.665	HH	4013	77988	0.95%	0.019%
240	10.679	10.665	10.696	HH	3051	51462	0.63%	0.013%
241	10.704	10.696	10.738	HH	2799	64604	0.79%	0.016%
242	10.757	10.738	10.778	HH	3543	70993	0.86%	0.018%
243	10.782	10.778	10.789	HH	2790	17914	0.22%	0.004%
244	10.811	10.789	10.850	HH	9796	185626	2.26%	0.046%
245	10.865	10.850	10.881	HH	4003	63030	0.77%	0.016%
246	10.912	10.881	10.941	HH	6462	164520	2.00%	0.041%

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rteres						2.77%	0.056%
247	10.965	10.941	11.009	HH	7756	227050	
248	11.031	11.009	11.046	HH	3325	69406	
249	11.062	11.046	11.076	HH	3677	58400	
250	11.103	11.076	11.114	HH	3417	71114	
251	11.131	11.114	11.136	HH	4563	52886	
252	11.162	11.136	11.214	HH	119507	1422397	17
253	11.237	11.214	11.257	HH	19702	268554	3.27% 0.066%
254	11.267	11.257	11.331	HH	8119	213076	2.60% 0.053%
255	11.334	11.331	11.354	HH	3649	47479	0.58% 0.012%
256	11.372	11.354	11.385	HH	3514	62293	0.76% 0.015%
257	11.416	11.385	11.434	HH	6856	145477	1.77% 0.036%
258	11.454	11.434	11.500	HH	19868	310898	3.79% 0.077%
259	11.517	11.500	11.532	HH	3487	64802	0.79% 0.016%
260	11.559	11.532	11.572	HH	4297	92909	1.13% 0.023%
261	11.619	11.572	11.656	HH	238969	2907875	35.43% 0.719%
262	11.659	11.656	11.664	HH	4997	23562	0.29% 0.006%
263	11.703	11.664	11.724	HH	8436	246576	3.00% 0.061%
264	11.741	11.724	11.762	HH	12820	188984	2.30% 0.047%
265	11.771	11.762	11.793	HH	5283	89314	1.09% 0.022%
266	11.814	11.793	11.836	HH	5788	125541	1.53% 0.031%
267	11.869	11.836	11.899	HH	6301	198749	2.42% 0.049%
268	11.922	11.899	11.943	HH	5765	133964	1.63% 0.033%
269	11.969	11.943	11.984	HH	15675	230893	2.81% 0.057%
270	12.000	11.984	12.028	HH	20228	300999	3.67% 0.074%
271	12.042	12.028	12.051	HH	5803	75750	0.92% 0.019%
272	12.084	12.051	12.102	HH	20385	345125	4.20% 0.085%
273	12.118	12.102	12.133	HH	11841	171743	2.09% 0.042%
274	12.149	12.133	12.178	HH	13674	238942	2.91% 0.059%
275	12.196	12.178	12.209	HH	5702	97079	1.18% 0.024%
276	12.232	12.209	12.252	HH	7437	157194	1.92% 0.039%
277	12.295	12.252	12.308	HH	9378	240707	2.93% 0.059%
278	12.329	12.308	12.356	HH	36611	524752	6.39% 0.130%
279	12.382	12.356	12.418	HH	50453	723502	8.81% 0.179%
280	12.444	12.418	12.475	HH	20320	378541	4.61% 0.094%
281	12.479	12.475	12.487	HH	6728	47514	0.58% 0.012%
282	12.504	12.487	12.516	HH	6900	115231	1.40% 0.028%
283	12.544	12.516	12.579	HH	77344	1081137	13.17% 0.267%
284	12.591	12.579	12.596	HH	8141	79107	0.96% 0.020%
285	12.611	12.596	12.638	HH	9814	221775	2.70% 0.055%
286	12.646	12.638	12.659	HH	7593	92311	1.12% 0.023%
287	12.716	12.659	12.743	HH	8630	387256	4.72% 0.096%
288	12.762	12.743	12.776	HH	10586	176484	2.15% 0.044%
289	12.780	12.776	12.802	HH	9171	129790	1.58% 0.032%
290	12.824	12.802	12.853	HH	20821	379757	4.63% 0.094%
291	12.875	12.853	12.895	HH	14286	274318	3.34% 0.068%
292	12.936	12.895	12.965	HH	243992	3066642	37.36% 0.758%
293	12.993	12.965	13.038	HH	303283	3691288	44.97% 0.912%
294	13.054	13.038	13.074	HH	11859	219772	2.68% 0.054%
295	13.085	13.074	13.098	HH	8602	121727	1.48% 0.030%
296	13.127	13.098	13.138	HH	10730	230989	2.81% 0.057%
297	13.176	13.138	13.188	HH	18444	433466	5.28% 0.107%
298	13.200	13.188	13.248	HH	17531	461190	5.62% 0.114%
299	13.256	13.248	13.261	HH	9816	77690	0.95% 0.019%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

							Instrument : FID_G	
							ClientSampleId : WASTEMSD	
300	13.293	13.261	13.318	HH	247638	3074883	37.46%	0.760%
301	13.347	13.318	13.363	HH	32980	526384		
302	13.379	13.363	13.409	HH	34529	554865		
303	13.436	13.409	13.446	HH	11717	240643		
304	13.464	13.446	13.476	HH	17971	273432		
305	13.490	13.476	13.522	HH	21590	435819		
306	13.559	13.522	13.583	HH	26895	612132	7.46%	0.151%
307	13.616	13.583	13.623	HH	17104	344581	4.20%	0.085%
308	13.635	13.623	13.659	HH	18914	351323	4.28%	0.087%
309	13.688	13.659	13.716	HH	18995	508612	6.20%	0.126%
310	13.720	13.716	13.729	HH	13164	102778	1.25%	0.025%
311	13.752	13.729	13.768	HH	23984	464000	5.65%	0.115%
312	13.777	13.768	13.806	HH	22475	405216	4.94%	0.100%
313	13.819	13.806	13.839	HH	14653	282090	3.44%	0.070%
314	13.881	13.839	13.920	HH	35980	1041695	12.69%	0.257%
315	13.950	13.920	13.963	HH	16452	401942	4.90%	0.099%
316	13.992	13.963	14.009	HH	24493	541494	6.60%	0.134%
317	14.030	14.009	14.051	HH	29667	559988	6.82%	0.138%
318	14.071	14.051	14.099	HH	23082	561106	6.84%	0.139%
319	14.139	14.099	14.181	HH	222822	3599466	43.85%	0.890%
320	14.201	14.181	14.242	HH	28651	795115	9.69%	0.197%
321	14.279	14.242	14.301	HH	20928	677429	8.25%	0.167%
322	14.318	14.301	14.334	HH	19874	373640	4.55%	0.092%
323	14.371	14.334	14.419	HH	22487	1071577	13.05%	0.265%
324	14.435	14.419	14.458	HH	21541	474848	5.78%	0.117%
325	14.469	14.458	14.483	HH	20361	296734	3.61%	0.073%
326	14.489	14.483	14.503	HH	19652	232951	2.84%	0.058%
327	14.507	14.503	14.511	HH	19680	87996	1.07%	0.022%
328	14.530	14.511	14.539	HH	23161	372851	4.54%	0.092%
329	14.563	14.539	14.569	HH	24657	421010	5.13%	0.104%
330	14.576	14.569	14.597	HH	25083	405549	4.94%	0.100%
331	14.621	14.597	14.663	HH	52360	1244489	15.16%	0.308%
332	14.670	14.663	14.674	HH	22811	152322	1.86%	0.038%
333	14.679	14.674	14.685	HH	22529	145024	1.77%	0.036%
334	14.706	14.685	14.713	HH	26500	416947	5.08%	0.103%
335	14.720	14.713	14.746	HH	26005	488464	5.95%	0.121%
336	14.797	14.746	14.820	HH	44264	1429834	17.42%	0.353%
337	14.830	14.820	14.837	HH	27964	270641	3.30%	0.067%
338	14.863	14.837	14.887	HH	60681	1198218	14.60%	0.296%
339	14.926	14.887	14.951	HH	62115	1531090	18.65%	0.378%
340	14.956	14.951	14.970	HH	26948	301990	3.68%	0.075%
341	14.986	14.970	15.004	HH	29047	560191	6.82%	0.138%
342	15.043	15.004	15.088	HH	131710	2835642	34.55%	0.701%
343	15.102	15.088	15.107	HH	28639	312461	3.81%	0.077%
344	15.130	15.107	15.149	HH	36915	812155	9.89%	0.201%
345	15.178	15.149	15.198	HH	157675	2345920	28.58%	0.580%
346	15.220	15.198	15.232	HH	180319	2278387	27.76%	0.563%
347	15.248	15.232	15.288	HH	229824	3470552	42.28%	0.858%
348	15.302	15.288	15.307	HH	32512	367220	4.47%	0.091%
349	15.314	15.307	15.319	HH	33065	239579	2.92%	0.059%
350	15.339	15.319	15.393	HH	52845	1670798	20.35%	0.413%
351	15.419	15.393	15.459	HH	38054	1325401	16.15%	0.328%

Instrument :
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WASTEMSD

Manual IntegrationsAPPROVED

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					rters				
352	15.482	15.459	15.504	HH	44204	1037936	12.64%	0.257%	
353	15.520	15.504	15.531	HH	40836	631078			
354	15.539	15.531	15.578	HH	39662	964997	11.74%	0.257%	
355	15.592	15.578	15.596	HH	32267	358418	4.42%	0.257%	
356	15.626	15.596	15.693	HH	77460	2711186	33.35%	0.311%	
357	15.703	15.693	15.722	HH	35412	594501	7.35%	0.311%	
358	15.766	15.722	15.779	HH	40269	1259747	15.35%	0.311%	
359	15.786	15.779	15.797	HH	40375	413693	5.04%	0.102%	
360	15.848	15.797	15.875	HH	57885	2234868	27.23%	0.552%	
361	15.893	15.875	15.916	HH	45069	986690	12.02%	0.244%	
362	15.920	15.916	15.924	HH	36690	180915	2.20%	0.045%	
363	15.956	15.924	15.969	HH	39062	1033869	12.60%	0.256%	
364	16.000	15.969	16.007	HH	48346	986861	12.02%	0.244%	
365	16.011	16.007	16.048	HH	49243	1101978	13.42%	0.272%	
366	16.090	16.048	16.133	HH	46298	2098850	25.57%	0.519%	
367	16.141	16.133	16.145	HH	40983	288462	3.51%	0.071%	
368	16.153	16.145	16.162	HH	42255	406181	4.95%	0.100%	
369	16.177	16.162	16.193	HH	46004	821220	10.00%	0.203%	
370	16.214	16.193	16.234	HH	49982	1108734	13.51%	0.274%	
371	16.274	16.234	16.304	HH	237405	4242424	51.68%	1.049%	
372	16.316	16.304	16.380	HH	46914	1931925	23.54%	0.477%	
373	16.389	16.380	16.403	HH	40981	542323	6.61%	0.134%	
374	16.410	16.403	16.433	HH	41096	727667	8.86%	0.180%	
375	16.471	16.433	16.499	HH	51487	1857499	22.63%	0.459%	
376	16.503	16.499	16.510	HH	45371	282507	3.44%	0.070%	
377	16.526	16.510	16.546	HH	51286	1026624	12.51%	0.254%	
378	16.585	16.546	16.620	HH	52761	2177810	26.53%	0.538%	
379	16.649	16.620	16.664	HH	62371	1490482	18.16%	0.368%	
380	16.676	16.664	16.703	HH	61521	1248301	15.21%	0.309%	
381	16.746	16.703	16.765	HH	205740	4105762	50.02%	1.015%	
382	16.774	16.765	16.815	HH	118902	2177470	26.53%	0.538%	
383	16.837	16.815	16.855	HH	57472	1309943	15.96%	0.324%	
384	16.875	16.855	16.899	HH	71235	1554158	18.93%	0.384%	
385	16.917	16.899	16.953	HH	55746	1729093	21.06%	0.427%	
386	16.965	16.953	16.972	HH	53835	579558	7.06%	0.143%	
387	16.994	16.972	17.015	HH	56989	1428900	17.41%	0.353%	
388	17.068	17.015	17.097	HH	146071	3958813	48.23%	0.978%	
389	17.126	17.097	17.170	HH	176157	3867696	47.12%	0.956%	
390	17.227	17.170	17.258	HH	269860	5748179	70.03%	1.421%	
391	17.278	17.258	17.293	HH	63086	1287053	15.68%	0.318%	
392	17.299	17.293	17.320	HH	60409	936129	11.40%	0.231%	
393	17.365	17.320	17.380	HH	62763	2135294	26.01%	0.528%	
394	17.386	17.380	17.412	HH	60891	1139966	13.89%	0.282%	
395	17.435	17.412	17.453	HH	59883	1437361	17.51%	0.355%	
396	17.489	17.453	17.517	HH	66931	2418327	29.46%	0.598%	
397	17.529	17.517	17.535	HH	61687	673033	8.20%	0.166%	
398	17.541	17.535	17.569	HH	62312	1218096	14.84%	0.301%	
399	17.592	17.569	17.616	HH	69657	1835212	22.36%	0.454%	
400	17.620	17.616	17.637	HH	66952	858054	10.45%	0.212%	
401	17.653	17.637	17.660	HH	67262	890779	10.85%	0.220%	
402	17.676	17.660	17.703	HH	73844	1750359	21.32%	0.433%	
403	17.708	17.703	17.735	HH	64992	1197731	14.59%	0.296%	
404	17.742	17.735	17.762	HH	63013	1001314	12.20%	0.247%	

Instrument :

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WASTEMSD

Manual IntegrationsAPPROVED

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							Instrument : FID_G	
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rteres								
405	17.788	17.762	17.815	HH	69439	2082366	25.37%	0.515%
406	17.819	17.815	17.844	HH	64391	1102498	13.84%	0.443%
407	17.849	17.844	17.866	HH	63804	807411	9.84%	0.348%
408	17.904	17.866	17.925	HH	63612	2209311	26.11%	0.643%
409	17.946	17.925	17.958	HH	63982	1226422	14.26%	0.583%
410	17.965	17.958	17.982	HH	64435	936155	11.54%	0.438%
							Manual IntegrationsAPPROVED	
411	18.006	17.982	18.027	HH	67773	1771375	21.58%	0.438%
412	18.063	18.027	18.072	HH	69062	1792459	21.84%	0.443%
413	18.119	18.072	18.145	HH	254423	5572437	67.89%	1.377%
414	18.155	18.145	18.171	HH	71149	1088451	13.26%	0.269%
415	18.221	18.218	18.241	HH	75590	1033270	12.59%	0.255%
416	18.265	18.241	18.286	HH	86047	2143332	26.11%	0.530%
417	18.292	18.286	18.315	HH	78235	1275115	15.53%	0.315%
418	18.353	18.315	18.374	HH	77483	2556900	31.15%	0.632%
419	18.411	18.374	18.429	HH	98480	2712756	33.05%	0.670%
420	18.433	18.429	18.456	HH	82382	1263782	15.40%	0.312%
421	18.502	18.456	18.524	HH	172258	4666603	56.85%	1.153%
422	18.541	18.524	18.573	HH	102639	2601663	31.70%	0.643%
423	18.585	18.573	18.604	HH	81186	1409242	17.17%	0.348%
424	18.631	18.604	18.650	HH	95852	2359769	28.75%	0.583%
425	18.670	18.650	18.726	HH	96377	3738220	45.54%	0.924%
426	18.759	18.726	18.788	HH	171487	3954967	48.18%	0.977%
427	18.836	18.788	18.856	HH	84151	3214205	39.16%	0.794%
428	18.860	18.856	18.868	HH	80448	591094	7.20%	0.146%
429	18.889	18.868	18.920	HH	94382	2605578	31.74%	0.644%
430	19.018	19.015	19.022	HH	78225	351584	4.28%	0.087%
431	19.053	19.022	19.091	HH	92181	3478712	42.38%	0.860%
432	19.104	19.091	19.129	HH	85294	1891764	23.05%	0.468%
433	19.150	19.129	19.173	HH	83991	2154179	26.24%	0.532%
434	19.191	19.173	19.204	HH	85023	1569634	19.12%	0.388%
435	19.226	19.204	19.250	HH	85159	2263022	27.57%	0.559%
436	19.269	19.250	19.285	HH	86975	1788987	21.79%	0.442%
437	19.308	19.285	19.338	HH	107738	3078096	37.50%	0.761%
438	19.358	19.338	19.380	HH	96085	2356208	28.70%	0.582%
439	19.384	19.380	19.408	HH	88833	1483345	18.07%	0.367%
440	19.432	19.408	19.460	HH	95756	2833930	34.52%	0.700%
441	19.466	19.460	19.474	HH	92839	797783	9.72%	0.197%
442	19.477	19.474	19.507	HH	92375	1768526	21.55%	0.437%
443	19.563	19.507	19.571	HH	89722	3330695	40.58%	0.823%
444	19.575	19.571	19.580	HH	87433	500131	6.09%	0.124%
445	19.594	19.580	19.600	HH	89252	1034011	12.60%	0.256%
446	19.606	19.600	19.612	HH	89504	639008	7.78%	0.158%
447	19.619	19.612	19.628	HH	89172	823337	10.03%	0.203%
448	19.632	19.628	19.635	HH	87672	402658	4.91%	0.100%
449	19.644	19.635	19.649	HH	89595	717868	8.75%	0.177%
450	19.653	19.649	19.665	HH	88353	858304	10.46%	0.212%
451	19.740	19.665	19.770	HH	273252	8208418	100.00%	2.029%
452	19.792	19.770	19.821	HH	99189	2908168	35.43%	0.719%
453	19.852	19.821	19.874	HH	106935	3148850	38.36%	0.778%
454	19.878	19.874	19.887	HH	93843	746077	9.09%	0.184%
455	19.920	19.887	19.947	HH	127328	3949551	48.12%	0.976%
456	19.984	19.947	20.019	HH	124688	4666112	56.85%	1.153%

WASTEMSD							Instrument : FID_G	
ClientSampleId :							Manual IntegrationsAPPROVED	
457	20.039	20.019	20.062	HH	104335	2603255	31.71%	0.643%
458	20.082	20.062	20.094	HH	109704	2046509	24.66%	0.500%
459	20.099	20.094	20.104	HH	108920	657045	8.15%	0.165%
460	20.108	20.104	20.132	HH	108842	1781472	21.30%	0.432%
461	20.137	20.132	20.147	HH	102564	901206	10.43%	0.212%
462	20.157	20.147	20.169	HH	103536	1329286	16.96%	0.344%
463	20.174	20.169	20.187	HH	101690	1108677	13.51%	0.274%
464	20.194	20.187	20.198	HH	105734	669205	8.15%	0.165%
465	20.297	20.246	20.335	HH	137580	6120701	74.57%	1.513%
466	20.439	20.405	20.447	HH	110222	2631923	32.06%	0.650%
467	20.480	20.447	20.525	HH	288656	7706926	93.89%	1.905%
468	20.529	20.525	20.533	HH	107593	502290	6.12%	0.124%
469	20.541	20.533	20.544	HH	107621	691732	8.43%	0.171%
470	20.553	20.544	20.559	HH	107824	945548	11.52%	0.234%
471	20.565	20.559	20.585	HH	108833	1689982	20.59%	0.418%
472	20.589	20.585	20.593	HH	105300	466461	5.68%	0.115%
473	20.596	20.593	20.603	HH	105168	644938	7.86%	0.159%
474	20.608	20.603	20.631	HH	105548	1748283	21.30%	0.432%
475	20.640	20.631	20.645	HH	105228	889913	10.84%	0.220%
476	20.652	20.645	20.658	HH	105564	794974	9.68%	0.196%
477	20.662	20.658	20.666	HH	104828	532688	6.49%	0.132%
478	20.696	20.666	20.701	HH	109977	2211794	26.95%	0.547%
479	20.719	20.701	20.734	HH	111337	2182293	26.59%	0.539%
480	20.738	20.734	20.743	HH	109946	568003	6.92%	0.140%
481	20.748	20.743	20.754	HH	110380	718637	8.75%	0.178%
482	20.763	20.754	20.775	HH	108998	1392398	16.96%	0.344%
483	20.780	20.775	20.801	HH	110067	1681744	20.49%	0.416%
484	20.811	20.801	20.819	HH	108565	1128966	13.75%	0.279%
485	20.864	20.857	20.874	HH	106832	1090534	13.29%	0.270%
486	20.879	20.874	20.887	HH	104667	834749	10.17%	0.206%
487	20.890	20.887	20.904	HH	105415	1053371	12.83%	0.260%
488	20.909	20.904	20.922	HH	104416	1109821	13.52%	0.274%
489	20.926	20.922	20.931	HH	102003	553702	6.75%	0.137%
490	20.953	20.931	20.977	HH	103389	2804700	34.17%	0.693%
491	20.983	20.977	20.991	HH	102617	856002	10.43%	0.212%
492	20.996	20.991	20.999	HH	102885	521245	6.35%	0.129%
493	21.002	20.999	21.035	HH	102437	2173190	26.48%	0.537%
494	21.048	21.035	21.064	HH	102289	1753179	21.36%	0.433%
495	21.068	21.064	21.095	HH	101597	1893473	23.07%	0.468%
496	21.103	21.095	21.107	HH	101554	707211	8.62%	0.175%
497	21.111	21.107	21.140	HH	102427	2023841	24.66%	0.500%
498	21.145	21.140	21.165	HH	102907	1515232	18.46%	0.374%
499	21.169	21.165	21.181	HH	101800	920129	11.21%	0.227%
500	21.186	21.181	21.190	HH	102193	548610	6.68%	0.136%
501	21.232	21.190	21.277	HH	260633	7981543	97.24%	1.973%
502	21.318	21.277	21.339	HH	102022	3702348	45.10%	0.915%
503	21.348	21.339	21.354	HH	100686	929293	11.32%	0.230%
504	21.357	21.354	21.379	HH	100685	1453648	17.71%	0.359%
505	21.385	21.379	21.410	HH	98474	1822849	22.21%	0.451%
506	21.415	21.410	21.453	HH	98782	2462795	30.00%	0.609%
507	21.459	21.453	21.470	HH	92973	936879	11.41%	0.232%
508	21.476	21.470	21.501	HH	93694	1720793	20.96%	0.425%
509	21.511	21.501	21.515	HH	93585	825869	10.06%	0.204%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
PB166607BS		FG015362.D	FG020725	N-HEXATRIACONTANE	Ankita	2/10/2025 8:58:26 AM	Peak Integrated by Software incorrectly
PB166607BS		FG015362.D	FG020725	N-OCTATRIACONTANE	Ankita	2/10/2025 8:58:26 AM	Peak Integrated by Software incorrectly
PB166607BS		FG015362.D	FG020725	N-TETRATRIACONTANE	Ankita	2/10/2025 8:58:26 AM	Peak Integrated by Software incorrectly
Q1290-01		FG015363.D	FG020725	TETRACOSANE-d50 (SURROGA	Ankita	2/10/2025 8:58:28 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-DOTRIACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-HEXACOSANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-HEXATRIACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-OCTACOSANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-OCTATRIACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-TETRACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-TETRACOSANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-TETRATRIACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	N-TRIACONTANE	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MS		FG015364.D	FG020725	TETRACOSANE-d50 (SURROGA	Ankita	2/10/2025 8:58:29 AM	Peak Integrated by Software incorrectly
Q1290-01MSD		FG015365.D	FG020725	N-HEXATRIACONTANE	Ankita	2/10/2025 8:58:31 AM	Peak Integrated by Software incorrectly
Q1290-01MSD		FG015365.D	FG020725	N-OCTATRIACONTANE	Ankita	2/10/2025 8:58:31 AM	Peak Integrated by Software incorrectly
Q1290-01MSD		FG015365.D	FG020725	N-TRIACONTANE	Ankita	2/10/2025 8:58:31 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG011325

Review By	yogesh	Review On	1/13/2025 12:01:44 PM
Supervise By	Ankita	Supervise On	1/14/2025 8:47:57 AM
SubDirectory	FG011325	HP Acquire Method	HP Processing Method FG011325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC Internal Standard/PEM	PP23963		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23962,PP23967		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015054.D	13 Jan 2025 08:20	YP\AJ	Ok
2	I.BLK	FG015055.D	13 Jan 2025 08:49	YP\AJ	Ok
3	100 TRPH STD	FG015056.D	13 Jan 2025 09:17	YP\AJ	Not Ok
4	50 TRPH STD	FG015057.D	13 Jan 2025 09:45	YP\AJ	Ok
5	20 TRPH STD	FG015058.D	13 Jan 2025 10:14	YP\AJ	Ok
6	10 TRPH STD	FG015059.D	13 Jan 2025 10:42	YP\AJ	Ok
7	5 TRPH STD	FG015060.D	13 Jan 2025 11:11	YP\AJ	Ok
8	100 TRPH STD	FG015061.D	13 Jan 2025 11:39	YP\AJ	Ok
9	FG011325ICV	FG015062.D	13 Jan 2025 12:07	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG020725

Review By	yogesh	Review On	2/7/2025 9:12:03 AM
Supervise By	Ankita	Supervise On	2/10/2025 8:58:37 AM
SubDirectory	FG020725	HP Acquire Method	HP Processing Method FG011325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC Internal Standard/PEM	PP23963		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23962,PP23967		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015344.D	07 Feb 2025 06:27	YP\AJ	Ok
2	I.BLK	FG015345.D	07 Feb 2025 06:55	YP\AJ	Ok
3	50 PPM TRPH STD	FG015346.D	07 Feb 2025 07:24	YP\AJ	Ok
4	RT MARKER	FG015347.D	07 Feb 2025 08:12	YP\AJ	Ok
5	Q1308-06	FG015348.D	07 Feb 2025 08:45	YP\AJ	Ok
6	Q1308-07	FG015349.D	07 Feb 2025 09:14	YP\AJ	Ok
7	Q1308-08	FG015350.D	07 Feb 2025 09:43	YP\AJ	Ok
8	Q1308-09	FG015351.D	07 Feb 2025 10:11	YP\AJ	Ok
9	Q1308-10	FG015352.D	07 Feb 2025 10:40	YP\AJ	Ok
10	Q1308-11	FG015353.D	07 Feb 2025 11:08	YP\AJ	Ok
11	Q1308-12	FG015354.D	07 Feb 2025 11:37	YP\AJ	Ok
12	Q1308-13	FG015355.D	07 Feb 2025 12:05	YP\AJ	Ok
13	I.BLK	FG015356.D	07 Feb 2025 12:34	YP\AJ	Ok
14	50 PPM TRPH STD	FG015357.D	07 Feb 2025 13:02	YP\AJ	Ok
15	I.BLK	FG015358.D	07 Feb 2025 13:59	YP\AJ	Ok
16	50 PPM TRPH STD	FG015359.D	07 Feb 2025 14:28	YP\AJ	Ok
17	RT MARKER	FG015360.D	07 Feb 2025 15:53	YP\AJ	Ok
18	PB166607BL	FG015361.D	07 Feb 2025 16:21	YP\AJ	Ok
19	PB166607BS	FG015362.D	07 Feb 2025 16:50	YP\AJ	Ok,M
20	Q1290-01	FG015363.D	07 Feb 2025 17:18	YP\AJ	Dilution
21	Q1290-01MS	FG015364.D	07 Feb 2025 17:47	YP\AJ	Ok,M

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG020725

Review By	yogesh	Review On	2/7/2025 9:12:03 AM
Supervise By	Ankita	Supervise On	2/10/2025 8:58:37 AM
SubDirectory	FG020725	HP Acquire Method	HP Processing Method FG011325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC Internal Standard/PEM	PP23963		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23962,PP23967		

22	Q1290-01MSD	FG015365.D	07 Feb 2025 18:15	YP\AJ	Ok,M
23	Q1290-01	FG015366.D	07 Feb 2025 18:43	YP\AJ	Ok
24	I.BLK	FG015367.D	07 Feb 2025 19:12	YP\AJ	Ok
25	50 PPM TRPH STD	FG015368.D	08 Feb 2025 00:29	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG011325

Review By	yogesh	Review On	1/13/2025 12:01:44 PM
Supervise By	Ankita	Supervise On	1/14/2025 8:47:57 AM
SubDirectory	FG011325	HP Acquire Method	HP Processing Method FG011325

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966
CCC	PP23963
Internal Standard/PEM	
ICV/I.BLK	PP23962,PP23967
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015054.D	13 Jan 2025 08:20		YP\AJ	Ok
2	I.BLK		FG015055.D	13 Jan 2025 08:49		YP\AJ	Ok
3	100 TRPH STD		FG015056.D	13 Jan 2025 09:17	NOT USE	YP\AJ	Not Ok
4	50 TRPH STD		FG015057.D	13 Jan 2025 09:45		YP\AJ	Ok
5	20 TRPH STD		FG015058.D	13 Jan 2025 10:14		YP\AJ	Ok
6	10 TRPH STD		FG015059.D	13 Jan 2025 10:42		YP\AJ	Ok
7	5 TRPH STD		FG015060.D	13 Jan 2025 11:11		YP\AJ	Ok
8	100 TRPH STD		FG015061.D	13 Jan 2025 11:39		YP\AJ	Ok
9	FG011325ICV		FG015062.D	13 Jan 2025 12:07		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG020725

Review By	yogesh	Review On	2/7/2025 9:12:03 AM
Supervise By	Ankita	Supervise On	2/10/2025 8:58:37 AM
SubDirectory	FG020725	HP Acquire Method	HP Processing Method FG011325

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23963 PP23962,PP23967

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015344.D	07 Feb 2025 06:27		YPIAJ	Ok
2	I.BLK		FG015345.D	07 Feb 2025 06:55		YPIAJ	Ok
3	50 PPM TRPH STD		FG015346.D	07 Feb 2025 07:24		YPIAJ	Ok
4	RT MARKER		FG015347.D	07 Feb 2025 08:12		YPIAJ	Ok
5	Q1308-06		FG015348.D	07 Feb 2025 08:45		YPIAJ	Ok
6	Q1308-07		FG015349.D	07 Feb 2025 09:14		YPIAJ	Ok
7	Q1308-08		FG015350.D	07 Feb 2025 09:43		YPIAJ	Ok
8	Q1308-09		FG015351.D	07 Feb 2025 10:11		YPIAJ	Ok
9	Q1308-10		FG015352.D	07 Feb 2025 10:40		YPIAJ	Ok
10	Q1308-11		FG015353.D	07 Feb 2025 11:08		YPIAJ	Ok
11	Q1308-12		FG015354.D	07 Feb 2025 11:37		YPIAJ	Ok
12	Q1308-13		FG015355.D	07 Feb 2025 12:05		YPIAJ	Ok
13	I.BLK		FG015356.D	07 Feb 2025 12:34		YPIAJ	Ok
14	50 PPM TRPH STD		FG015357.D	07 Feb 2025 13:02		YPIAJ	Ok
15	I.BLK		FG015358.D	07 Feb 2025 13:59		YPIAJ	Ok
16	50 PPM TRPH STD		FG015359.D	07 Feb 2025 14:28		YPIAJ	Ok
17	RT MARKER		FG015360.D	07 Feb 2025 15:53		YPIAJ	Ok
18	PB166607BL		FG015361.D	07 Feb 2025 16:21		YPIAJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG020725

Review By	yogesh	Review On	2/7/2025 9:12:03 AM
Supervise By	Ankita	Supervise On	2/10/2025 8:58:37 AM
SubDirectory	FG020725	HP Acquire Method	HP Processing Method FG011325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC	PP23963		
Internal Standard/PEM	PP23962,PP23967		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB166607BS		FG015362.D	07 Feb 2025 16:50		YP\AJ	Ok,M
20	Q1290-01		FG015363.D	07 Feb 2025 17:18	need 10x dilution	YP\AJ	Dilution
21	Q1290-01MS		FG015364.D	07 Feb 2025 17:47		YP\AJ	Ok,M
22	Q1290-01MSD		FG015365.D	07 Feb 2025 18:15		YP\AJ	Ok,M
23	Q1290-01		FG015366.D	07 Feb 2025 18:43		YP\AJ	Ok
24	I.BLK		FG015367.D	07 Feb 2025 19:12		YP\AJ	Ok
25	50 PPM TRPH STD		FG015368.D	08 Feb 2025 00:29		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 02/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 02/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134555

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
Q1284-01	SU-03-2-4-2025	1	1.15	8.51	9.66	8.65	88.1	
Q1284-02	SU-03-2-4-2025	2	1.15	8.77	9.92	9.28	92.7	
Q1285-01	72-11977	19	1.15	8.73	9.88	7.57	73.5	GEL MARTIX
Q1286-01	NB-07-020425	3	1.16	8.63	9.79	9.21	93.3	
Q1286-02	NB-07-020425-VOC	4	1.15	8.65	9.8	9.09	91.8	
Q1286-03	NB-07-020425-E2	5	1.16	8.50	9.66	8.96	91.8	
Q1287-01	BAY-DRUMS-A	20	1.16	8.82	9.98	8.96	88.4	
Q1287-03	BAY-DRUMS-B	21	1.13	8.64	9.77	8.61	86.6	
Q1287-05	BAY-DRUMS-C	22	1.18	8.40	9.58	8.37	85.6	
Q1287-07	BAY-DRUMS-D	23	1.12	8.47	9.59	8.49	87.0	
Q1287-09	BAY-DRUMS-E	24	1.16	8.83	9.99	8.67	85.1	
Q1288-01	HR-01-020425	6	1.14	8.85	9.99	9.02	89.0	
Q1288-02	HR-01-020425	7	1.13	8.77	9.9	8.95	89.2	
Q1288-03	HR-01-020425-E2	8	1.19	8.57	9.76	9.02	91.4	
Q1288-04	HR-04-020425	9	1.15	8.37	9.52	8.8	91.4	
Q1288-05	HR-04-020425	10	1.18	8.62	9.8	9.25	93.6	
Q1288-06	HR-04-020425-E2	11	1.17	8.60	9.77	9.13	92.6	
Q1289-01	FL-OILY DEBRIS	25	1.00	1.00	2.00	2.00	100.0	oily-debris
Q1289-02	FL-DRUMS-A	26	1.18	8.48	9.66	8.53	86.7	
Q1289-04	FL-DRUMS-B	27	1.15	8.81	9.96	9.41	93.8	
Q1290-01	WASTE	12	1.14	8.68	9.82	8.74	87.6	
Q1290-02	VOC	13	1.15	8.62	9.77	8.47	84.9	
Q1290-03	1	14	1.16	8.52	9.68	8.35	84.4	
Q1290-04	2	15	1.18	8.51	9.69	8.53	86.4	
Q1290-05	3	16	1.19	8.53	9.72	8.6	86.9	
Q1290-06	4	17	1.15	8.82	9.97	8.94	88.3	
Q1290-07	5	18	1.13	8.73	9.86	8.69	86.6	

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

WORKLIST(Hardcopy Internal Chain)

134555

WorkList Name : %1-020425 WorkList ID : 187436 Department : Wet-Chemistry Date : 02-04-2025 07:57:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1284-01	SU-03-2-4-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1284-02	SU-03-2-4-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1285-01	72-11977	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1286-01	NB-07-020425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1286-02	NB-07-020425-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1286-03	NB-07-020425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1287-01	BAY-DRUMS-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1287-03	BAY-DRUMS-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1287-05	BAY-DRUMS-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1287-07	BAY-DRUMS-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1287-09	BAY-DRUMS-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1288-01	HR-01-020425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1288-02	HR-01-020425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1288-03	HR-01-020425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1288-04	HR-04-020425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1288-05	HR-04-020425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1288-06	HR-04-020425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	02/04/2025	Chemtech -SO
Q1289-01	FL-OILY DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1289-02	FL-DRUMS-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1289-04	FL-DRUMS-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	02/04/2025	Chemtech -SO
Q1290-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO

Date/Time 02/04/25 15:45
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

13455

WorkList Name : %1-020425 WorkList ID : 187436 Department : Wet-Chemistry Date : 02-04-2025 07:57:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1290-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO
Q1290-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO
Q1290-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO
Q1290-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO
Q1290-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO
Q1290-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	D11	02/04/2025	Chemtech -SO

Date/Time 02/04/25 1545
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 02/04/25 17120
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	N/A	Extraction Start Date :	02/07/2025
Matrix :	Solid	Extraction Start Time :	08:13
Welgh By:	EH	Extraction By:	RJ
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
		Concentration By:	EH
		Supervisor By :	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP23913
Surrogate	1.0ML	20 PPM	PP24180
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	EP2582
Baked Na2SO4	N/A	EP2581
Sand	N/A	E2865
Methylene Chloride	N/A	E3874
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.

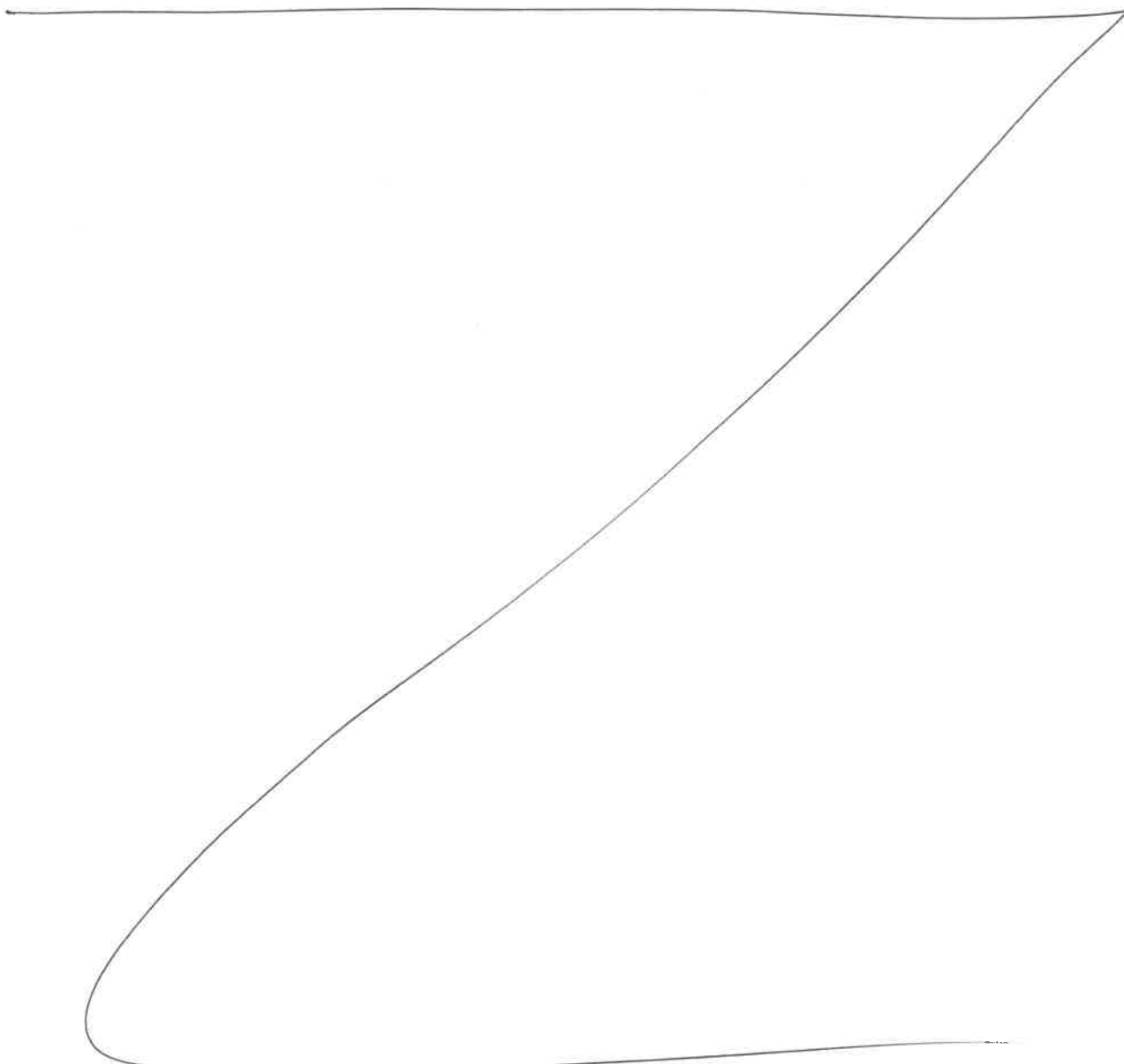
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/07/25	RJ (Ext. Lab)	Y.P. Pestipub.
11:15	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 02/07/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166607BL	PB166607BL	TPH GC	30.03	N/A	ritesh	Evelyn	1			U2-1
PB166607BS	PB166607BS	TPH GC	30.01	N/A	ritesh	Evelyn	1			2
Q1290-01	WASTE	TPH GC	30.04	N/A	ritesh	Evelyn	1			3
Q1290-01MS	WASTEMS	TPH GC	30.09	N/A	ritesh	Evelyn	1			4
Q1290-01MS D	WASTEMSD	TPH GC	30.06	N/A	ritesh	Evelyn	1			5



* Extracts relinquished on the same date as received.

8
2/7/25

16660
11/13/8

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1190 WorkList ID : 187556 Department : Extraction Date : 02-07-2025 08:05:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1290-01	WASTE	Solid	TPH GC	Cool 4 deg C	SCIA01	D11	02/04/2025	8015D

Date/Time 02/07/25 8:10
Raw Sample Received by: PS (Bor 1m3)
Raw Sample Relinquished by: CP Sm

Date/Time 02/07/25 8:25
Raw Sample Received by: CP Sm
Raw Sample Relinquished by: PS (Bor 1m3)



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
 (908) 789-8900 Fax (908) 789-8922
 www.chemtech.net

305 Central Ave

Chemtech Project Number

COC Number

West Caldwell

Q1290

CLIENT INFORMATION

Report to be sent to:
 COMPANY:
 ADDRESS:
 CITY: STATE: ZIP:
 ATTENTION:
 PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME:
 PROJECT #:
 LOCATION:
 PROJECT MANAGER:
 E-MAIL:
 PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH):
 HARD COPY (DATA PACKAGE):
 EDD: DAYS*
 TO BE APPROVED BY CHEMTECH: DAYS*

STANDARD HARD COPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS



PRESERVATIVES

COMMENTS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WASTE				2/4	2:15	1										
2.	VOC					2:15	1										
3.	1					2:15	1										
4.	2					2:15	1										
5.	3					2:15	1										
6.	4					2:30	1										
7.	5					2:30	1										
8.						2:30	1										
9.						2:30	1										
10.						2:30	1										

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

RELINQUISHED BY SAMPLER
 1. DATE/TIME 2-4-25 RECEIVED BY 1. [Signature] 2-4-25
 Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.66

RELINQUISHED BY
 2. DATE/TIME 2-4-25 RECEIVED BY 2. [Signature] 2-4-25
 Comments:

RELINQUISHED BY
 3. DATE/TIME 2-4-25 RECEIVED FOR LAB BY 3. [Signature] 2-4-25

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other:
 CHEMTECH: ☐ Picked Up

Shipment Complete
☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY



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Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1290 SCIA01

Order Date : 2/4/2025 2:25:00 PM

Project Mgr :

Client Name : Sciacca General Contractor

Project Name : 305 Central Ave, West Cald

Report Type : Results Only

Client Contact : Rosanne Scirica

Receive DateTime : 2/4/2025 12:00:00 AM

EDD Type : EXCEL NJCLEANUP

Invoice Name : Sciacca General Contractor

Purchase Order :

Hard Copy Date :

3:30 PM

Invoice Contact : Rosanne Scirica

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1290-02	VOC	Solid	02/04/2025	08:15	VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time :


24-25 1520

Received By :

Date / Time :


02/04/25 15:20
Pg #6
F22

Storage Area : VOA Refridgerator Room