

Cover Page

Order ID : Q1907

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q1907-01
Q1907-02

Client Sample Number

CO-8R-WC
CO-8R-WC

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: 5/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1907

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 05/02/2025



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

LAB CHRONICLE

OrderID:	Q1907	OrderDate:	4/28/2025 4:13:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Jesse A. Sylvestri	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1907-01	CO-8R-WC	SOIL			04/28/25			04/28/25
			Gasoline Range Organics	8015D			04/29/25	
			PCB	8082A		04/30/25	04/30/25	
			Pesticide-TCL	8081B		04/30/25	04/30/25	
			TPH GC	8015D		04/29/25	04/29/25	
			EPH_NF	NJEPH		05/01/25	05/01/25	



QC SUMMARY



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

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: Walsh Construction Company II, LLC
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VB0429S1	97				0
BS0429S1	93				0
BS0429S2	90				0
CO-8R-WC	70				0

QC LIMITS

AAA-TFT

For Water : 50-150
For Soil : 50-150

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC
Lab Code: CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907
Matrix Spike - EPA Sample No : BSF0429S1 **Datafile:** FB031656.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	174	97	50-150

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Chemtech **Client:** Walsh Construction Company II, LLC
Lab Code: CHEM **Cas No:** Q1907 **SAS No :** Q1907 **SDG No:** Q1907
Matrix Spike - EPA Sample No : BSF0429S2 **Datafile:** FB031662.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	189	105	50-150

LCS/LCSD % Recovery RPD : 8

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0429S1

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: FB031654.D

Lab Sample ID: VBF0429S1

Date Analyzed: 04/29/25

Time Analyzed: 9:24

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0429S1	BSF0429S1	FB031656.D	04/29/25
BSF0429S2	BSF0429S2	FB031662.D	04/29/25
CO-8R-WC	Q1907-01	FB031664.D	04/29/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.6
Sample Wt/Vol:	6.86	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031664.D	1	04/29/25 16:14	FB042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	41.0		7.00	39.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	14.0		50 - 150	70%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031664.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 16:14
Operator : YP/AJ
Sample : Q1877-01
Misc : 6.86G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibration.e
Quant Time: Apr 30 02:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.797	320874	13.992 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

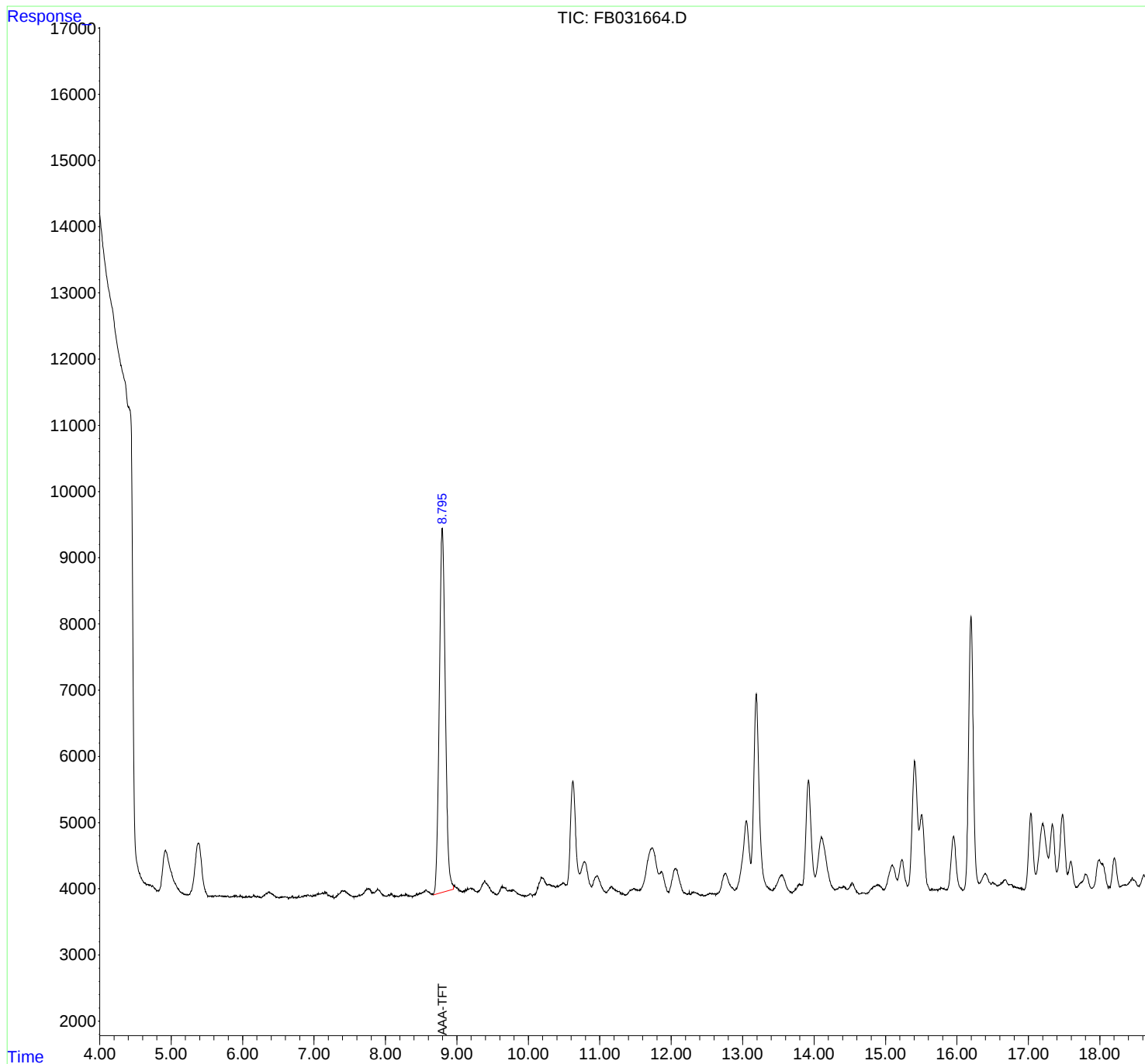
(m)=manual int.

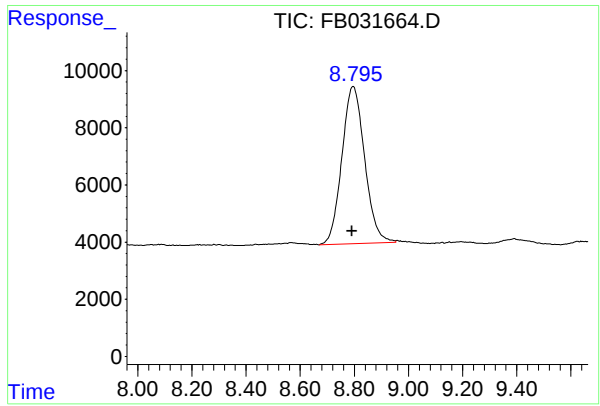
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031664.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 16:14
Operator : YP/AJ
Sample : Q1877-01
Misc : 6.86G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibration.e
Quant Time: Apr 30 02:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.797 min

Delta R.T.: 0.005 min

Response: 320874

Conc: 13.99 ng/ml

Instrument :

FID_B

ClientSampleId :

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
 Data File : FB031664.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 16:14
 Sample : Q1877-01
 Misc : 6.86G/5.00 ML DI WATER
 ALS Vial : 13 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.676	4.621	4.693	BV	6	27	0.01%	0.001%
2	4.710	4.693	4.731	PV	23	286	0.09%	0.015%
3	4.742	4.731	4.826	VV	30	193	0.06%	0.010%
4	4.920	4.826	5.156	PV	634	50950	15.17%	2.678%
5	5.164	5.156	5.195	VV	28	309	0.09%	0.016%
6	5.202	5.195	5.213	VV	14	75	0.02%	0.004%
7	5.225	5.213	5.236	PV	16	114	0.03%	0.006%
8	5.382	5.236	5.556	PV	797	53047	15.80%	2.789%
9	5.561	5.556	5.575	VV	8	78	0.02%	0.004%
10	5.583	5.575	5.592	PV	14	82	0.02%	0.004%
11	5.618	5.592	5.634	VV	20	269	0.08%	0.014%
12	5.654	5.634	5.661	VV	12	157	0.05%	0.008%
13	5.676	5.661	5.723	VV	21	521	0.16%	0.027%
14	5.734	5.723	5.744	VV	15	149	0.04%	0.008%
15	5.759	5.744	5.779	VV	18	233	0.07%	0.012%
16	5.796	5.779	5.809	VV	24	223	0.07%	0.012%
17	5.819	5.809	5.826	VV	7	43	0.01%	0.002%
18	5.834	5.826	5.844	VV	8	55	0.02%	0.003%
19	5.883	5.844	5.891	VV	33	373	0.11%	0.020%
20	5.914	5.891	5.927	VV	25	420	0.13%	0.022%
21	5.969	5.927	5.999	VV	40	764	0.23%	0.040%
22	6.006	5.999	6.018	PV	12	83	0.02%	0.004%
23	6.027	6.018	6.037	VV	11	90	0.03%	0.005%
24	6.053	6.037	6.063	VV	29	241	0.07%	0.013%
25	6.082	6.063	6.090	VV	22	227	0.07%	0.012%
26	6.098	6.090	6.108	VV	22	188	0.06%	0.010%
27	6.116	6.108	6.124	VV	13	107	0.03%	0.006%
28	6.156	6.124	6.194	VV	43	1012	0.30%	0.053%
29	6.213	6.194	6.261	VV	26	629	0.19%	0.033%
30	6.333	6.261	6.342	VV	75	1986	0.59%	0.104%
31	6.364	6.342	6.475	VV	99	4950	1.47%	0.260%
32	6.484	6.475	6.515	VV	24	378	0.11%	0.020%
33	6.542	6.515	6.549	VV	23	320	0.10%	0.017%
34	6.558	6.549	6.572	VV	23	310	0.09%	0.016%
35	6.595	6.572	6.644	VV	30	949	0.28%	0.050%
36	6.658	6.644	6.673	PV	21	244	0.07%	0.013%

					rteres				
37	6.696	6.673	6.715	VV	46	612	0.18%	0.032%	
38	6.729	6.715	6.740	VV	23	271	0.08%	0.014%	
39	6.750	6.740	6.760	VV	25	204	0.06%	0.011%	
40	6.787	6.760	6.801	VV	42	538	0.16%	0.028%	
41	6.839	6.801	6.849	VV	38	738	0.22%	0.039%	
42	6.862	6.849	6.870	VV	49	476	0.14%	0.025%	
43	6.878	6.870	6.896	VV	47	667	0.20%	0.035%	
44	6.918	6.896	6.942	VV	58	1326	0.40%	0.070%	
45	6.956	6.942	6.971	VV	50	702	0.21%	0.037%	
46	6.993	6.971	7.003	VV	48	728	0.22%	0.038%	
47	7.018	7.003	7.026	VV	51	597	0.18%	0.031%	
48	7.047	7.026	7.094	VV	74	2664	0.79%	0.140%	
49	7.121	7.094	7.132	VV	91	1754	0.52%	0.092%	
50	7.155	7.132	7.165	VV	105	1699	0.51%	0.089%	
51	7.174	7.165	7.198	VV	95	1413	0.42%	0.074%	
52	7.208	7.198	7.244	VV	55	1048	0.31%	0.055%	
53	7.253	7.244	7.261	VV	33	292	0.09%	0.015%	
54	7.268	7.261	7.282	VV	39	232	0.07%	0.012%	
55	7.391	7.282	7.414	PV	116	5113	1.52%	0.269%	
56	7.426	7.414	7.541	VV	116	5475	1.63%	0.288%	
57	7.549	7.541	7.572	VV	34	486	0.14%	0.026%	
58	7.584	7.572	7.602	VV	32	489	0.15%	0.026%	
59	7.770	7.602	7.842	VV	145	12490	3.72%	0.657%	
60	7.894	7.842	8.005	VV	132	8117	2.42%	0.427%	
61	8.011	8.005	8.025	VV	33	352	0.10%	0.018%	
62	8.052	8.025	8.060	VV	57	917	0.27%	0.048%	
63	8.078	8.060	8.149	VV	68	2135	0.64%	0.112%	
64	8.157	8.149	8.181	VV	31	472	0.14%	0.025%	
65	8.230	8.181	8.272	VV	52	1996	0.59%	0.105%	
66	8.282	8.272	8.291	VV	63	553	0.16%	0.029%	
67	8.301	8.291	8.317	VV	57	678	0.20%	0.036%	
68	8.327	8.317	8.338	VV	41	387	0.12%	0.020%	
69	8.350	8.338	8.378	VV	34	622	0.19%	0.033%	
70	8.437	8.378	8.447	VV	69	1535	0.46%	0.081%	
71	8.488	8.447	8.498	VV	69	1833	0.55%	0.096%	
72	8.567	8.498	8.669	VV	123	8492	2.53%	0.446%	
73	8.796	8.669	8.954	VV	5582	335802	100.00%	17.652%	
74	8.959	8.954	9.047	VV	194	8011	2.39%	0.421%	
75	9.055	9.047	9.079	VV	107	1825	0.54%	0.096%	
76	9.105	9.079	9.116	VV	107	2122	0.63%	0.112%	
77	9.125	9.116	9.134	VV	129	1228	0.37%	0.065%	
78	9.152	9.134	9.161	VV	144	1967	0.59%	0.103%	
79	9.195	9.161	9.291	VV	146	9169	2.73%	0.482%	
80	9.391	9.291	9.501	VV	256	20073	5.98%	1.055%	
81	9.508	9.501	9.562	VV	80	2116	0.63%	0.111%	
82	9.625	9.562	9.676	VV	161	7847	2.34%	0.412%	
83	9.684	9.676	9.719	VV	144	3039	0.90%	0.160%	
84	9.729	9.719	9.734	VV	105	946	0.28%	0.050%	
85	9.745	9.734	9.756	VV	104	1290	0.38%	0.068%	
86	9.787	9.756	9.907	VV	112	6573	1.96%	0.346%	
87	9.914	9.907	9.954	VV	28	592	0.18%	0.031%	
88	9.961	9.954	9.979	VV	24	290	0.09%	0.015%	
89	10.033	9.979	10.057	VV	52	1671	0.50%	0.088%	

					rteres			
90	10.182	10.057	10.271	VV	301	22026	6.56%	1.158%
91	10.295	10.271	10.305	VV	194	3898	1.16%	0.205%
92	10.310	10.305	10.342	VV	186	3842	1.14%	0.202%
93	10.351	10.342	10.361	VV	172	1836	0.55%	0.097%
94	10.369	10.361	10.381	VV	167	1973	0.59%	0.104%
95	10.406	10.381	10.424	VV	168	3988	1.19%	0.210%
96	10.488	10.424	10.523	VV	214	11406	3.40%	0.600%
97	10.625	10.523	10.720	VV	1748	97772	29.12%	5.140%
98	10.786	10.720	10.886	VV	528	37575	11.19%	1.975%
99	10.962	10.886	11.100	VV	321	24729	7.36%	1.300%
100	11.143	11.100	11.149	VV	136	3017	0.90%	0.159%
101	11.172	11.149	11.251	VV	155	7008	2.09%	0.368%
102	11.275	11.251	11.317	VV	82	2473	0.74%	0.130%
103	11.325	11.317	11.359	VV	50	841	0.25%	0.044%
104	11.427	11.359	11.436	VV	98	2539	0.76%	0.133%
105	11.449	11.436	11.457	VV	108	1245	0.37%	0.065%
106	11.479	11.457	11.488	VV	120	2088	0.62%	0.110%
107	11.493	11.488	11.523	VV	116	2248	0.67%	0.118%
108	11.533	11.523	11.553	VV	104	1667	0.50%	0.088%
109	11.737	11.553	11.832	VV	734	73076	21.76%	3.841%
110	11.866	11.832	11.967	VV	378	19170	5.71%	1.008%
111	12.066	11.967	12.183	VV	420	30832	9.18%	1.621%
112	12.190	12.183	12.225	VV	58	1048	0.31%	0.055%
113	12.240	12.225	12.246	VV	41	420	0.13%	0.022%
114	12.255	12.246	12.277	VV	66	659	0.20%	0.035%
115	12.319	12.277	12.332	VV	65	1635	0.49%	0.086%
116	12.342	12.332	12.397	VV	56	1524	0.45%	0.080%
117	12.405	12.397	12.416	VV	20	147	0.04%	0.008%
118	12.426	12.416	12.452	VV	18	241	0.07%	0.013%
119	12.544	12.452	12.573	PV	40	1549	0.46%	0.081%
120	12.578	12.573	12.586	VV	42	292	0.09%	0.015%
121	12.594	12.586	12.603	VV	35	307	0.09%	0.016%
122	12.611	12.603	12.637	VV	37	566	0.17%	0.030%
123	12.764	12.637	12.894	VV	340	26456	7.88%	1.391%
124	13.054	12.894	13.116	VV	1128	74434	22.17%	3.913%
125	13.191	13.116	13.418	VV	3040	171541	51.08%	9.017%
126	13.551	13.418	13.696	VV	310	26824	7.99%	1.410%
127	13.799	13.696	13.830	VV	165	8645	2.57%	0.454%
128	13.922	13.830	14.016	VV	1727	92921	27.67%	4.885%
129	14.105	14.016	14.309	VV	873	75169	22.38%	3.951%
130	14.362	14.309	14.390	VV	107	4560	1.36%	0.240%
131	14.415	14.390	14.470	VV	118	4712	1.40%	0.248%
132	14.534	14.470	14.636	VV	178	8892	2.65%	0.467%
133	14.678	14.636	14.725	PV	21	630	0.19%	0.033%
134	14.889	14.725	14.982	VV	133	12181	3.63%	0.640%
135	15.097	14.982	15.167	VV	421	28929	8.61%	1.521%
136	15.231	15.167	15.308	VV	500	26261	7.82%	1.380%
137	15.410	15.308	15.470	VV	1980	102963	30.66%	5.412%
138	15.508	15.470	15.632	VV	1171	55212	16.44%	2.902%
139	15.660	15.632	15.707	VV	37	1258	0.37%	0.066%
140	15.718	15.707	15.737	VV	25	413	0.12%	0.022%
141	15.780	15.737	15.857	VV	47	2408	0.72%	0.127%

					rteres				
142	15.953	15.857	16.085	VV	827	40672	12.11%	2.138%	
143	16.197	16.085	16.317	PV	4079	180858	53.86%	9.507%	
					Sum of corrected areas:	1902322			

FB042325.M Tue Apr 29 16:02:19 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.6
Sample Wt/Vol:	6.86	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031664.D	1	04/29/25 16:14	FB042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	41.0		7.00	39.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	14.0		50 - 150	70%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031664.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 16:14
Operator : YP/AJ
Sample : Q1877-01
Misc : 6.86G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibration.e
Quant Time: Apr 30 02:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.797	320874	13.992 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

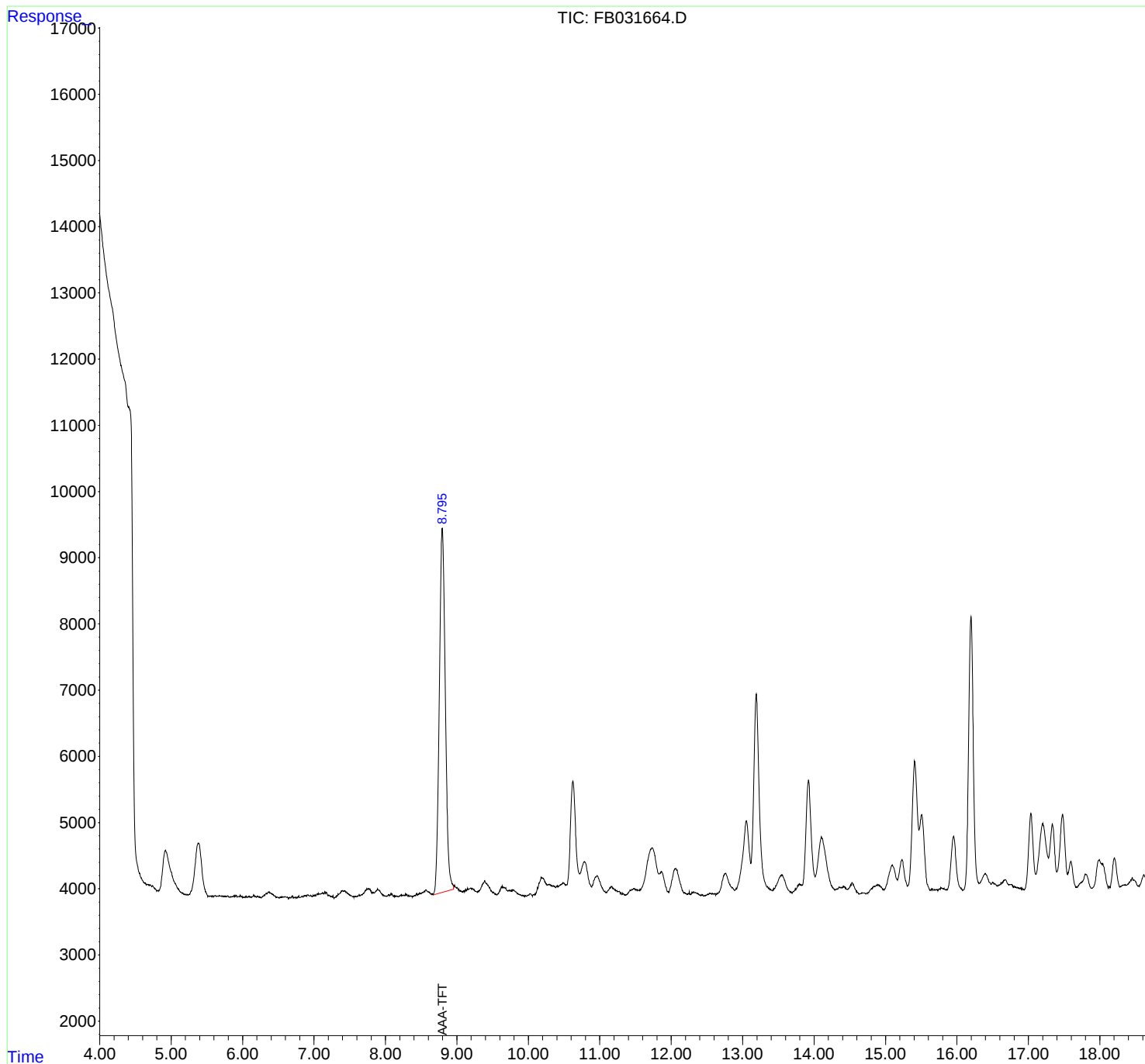
(m)=manual int.

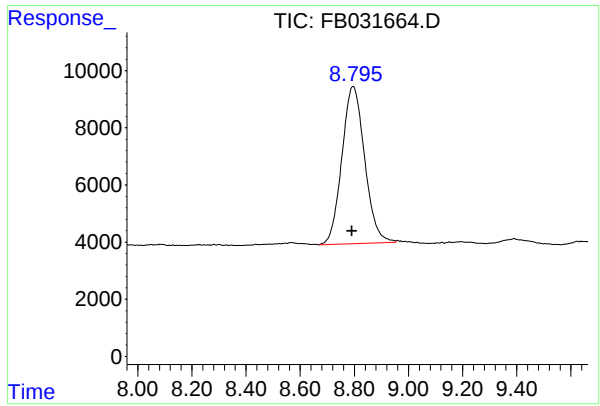
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031664.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 16:14
Operator : YP/AJ
Sample : Q1877-01
Misc : 6.86G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibration.e
Quant Time: Apr 30 02:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.797 min
Delta R.T.: 0.005 min
Response: 320874
Conc: 13.99 ng/ml

Instrument :
FID_B
ClientSampleId :

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031664.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 16:14
Sample : Q1877-01
Misc : 6.86G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.676	4.621	4.693	BV	6	27	0.01%	0.001%
2	4.710	4.693	4.731	PV	23	286	0.09%	0.015%
3	4.742	4.731	4.826	VV	30	193	0.06%	0.010%
4	4.920	4.826	5.156	PV	634	50950	15.17%	2.678%
5	5.164	5.156	5.195	VV	28	309	0.09%	0.016%
6	5.202	5.195	5.213	VV	14	75	0.02%	0.004%
7	5.225	5.213	5.236	PV	16	114	0.03%	0.006%
8	5.382	5.236	5.556	PV	797	53047	15.80%	2.789%
9	5.561	5.556	5.575	VV	8	78	0.02%	0.004%
10	5.583	5.575	5.592	PV	14	82	0.02%	0.004%
11	5.618	5.592	5.634	VV	20	269	0.08%	0.014%
12	5.654	5.634	5.661	VV	12	157	0.05%	0.008%
13	5.676	5.661	5.723	VV	21	521	0.16%	0.027%
14	5.734	5.723	5.744	VV	15	149	0.04%	0.008%
15	5.759	5.744	5.779	VV	18	233	0.07%	0.012%
16	5.796	5.779	5.809	VV	24	223	0.07%	0.012%
17	5.819	5.809	5.826	VV	7	43	0.01%	0.002%
18	5.834	5.826	5.844	VV	8	55	0.02%	0.003%
19	5.883	5.844	5.891	VV	33	373	0.11%	0.020%
20	5.914	5.891	5.927	VV	25	420	0.13%	0.022%
21	5.969	5.927	5.999	VV	40	764	0.23%	0.040%
22	6.006	5.999	6.018	PV	12	83	0.02%	0.004%
23	6.027	6.018	6.037	VV	11	90	0.03%	0.005%
24	6.053	6.037	6.063	VV	29	241	0.07%	0.013%
25	6.082	6.063	6.090	VV	22	227	0.07%	0.012%
26	6.098	6.090	6.108	VV	22	188	0.06%	0.010%
27	6.116	6.108	6.124	VV	13	107	0.03%	0.006%
28	6.156	6.124	6.194	VV	43	1012	0.30%	0.053%
29	6.213	6.194	6.261	VV	26	629	0.19%	0.033%
30	6.333	6.261	6.342	VV	75	1986	0.59%	0.104%
31	6.364	6.342	6.475	VV	99	4950	1.47%	0.260%
32	6.484	6.475	6.515	VV	24	378	0.11%	0.020%
33	6.542	6.515	6.549	VV	23	320	0.10%	0.017%
34	6.558	6.549	6.572	VV	23	310	0.09%	0.016%
35	6.595	6.572	6.644	VV	30	949	0.28%	0.050%
36	6.658	6.644	6.673	PV	21	244	0.07%	0.013%

					rters				
37	6.696	6.673	6.715	VV	46	612	0.18%	0.032%	
38	6.729	6.715	6.740	VV	23	271	0.08%	0.014%	
39	6.750	6.740	6.760	VV	25	204	0.06%	0.011%	
40	6.787	6.760	6.801	VV	42	538	0.16%	0.028%	
41	6.839	6.801	6.849	VV	38	738	0.22%	0.039%	
42	6.862	6.849	6.870	VV	49	476	0.14%	0.025%	
43	6.878	6.870	6.896	VV	47	667	0.20%	0.035%	
44	6.918	6.896	6.942	VV	58	1326	0.40%	0.070%	
45	6.956	6.942	6.971	VV	50	702	0.21%	0.037%	
46	6.993	6.971	7.003	VV	48	728	0.22%	0.038%	
47	7.018	7.003	7.026	VV	51	597	0.18%	0.031%	
48	7.047	7.026	7.094	VV	74	2664	0.79%	0.140%	
49	7.121	7.094	7.132	VV	91	1754	0.52%	0.092%	
50	7.155	7.132	7.165	VV	105	1699	0.51%	0.089%	
51	7.174	7.165	7.198	VV	95	1413	0.42%	0.074%	
52	7.208	7.198	7.244	VV	55	1048	0.31%	0.055%	
53	7.253	7.244	7.261	VV	33	292	0.09%	0.015%	
54	7.268	7.261	7.282	VV	39	232	0.07%	0.012%	
55	7.391	7.282	7.414	PV	116	5113	1.52%	0.269%	
56	7.426	7.414	7.541	VV	116	5475	1.63%	0.288%	
57	7.549	7.541	7.572	VV	34	486	0.14%	0.026%	
58	7.584	7.572	7.602	VV	32	489	0.15%	0.026%	
59	7.770	7.602	7.842	VV	145	12490	3.72%	0.657%	
60	7.894	7.842	8.005	VV	132	8117	2.42%	0.427%	
61	8.011	8.005	8.025	VV	33	352	0.10%	0.018%	
62	8.052	8.025	8.060	VV	57	917	0.27%	0.048%	
63	8.078	8.060	8.149	VV	68	2135	0.64%	0.112%	
64	8.157	8.149	8.181	VV	31	472	0.14%	0.025%	
65	8.230	8.181	8.272	VV	52	1996	0.59%	0.105%	
66	8.282	8.272	8.291	VV	63	553	0.16%	0.029%	
67	8.301	8.291	8.317	VV	57	678	0.20%	0.036%	
68	8.327	8.317	8.338	VV	41	387	0.12%	0.020%	
69	8.350	8.338	8.378	VV	34	622	0.19%	0.033%	
70	8.437	8.378	8.447	VV	69	1535	0.46%	0.081%	
71	8.488	8.447	8.498	VV	69	1833	0.55%	0.096%	
72	8.567	8.498	8.669	VV	123	8492	2.53%	0.446%	
73	8.796	8.669	8.954	VV	5582	335802	100.00%	17.652%	
74	8.959	8.954	9.047	VV	194	8011	2.39%	0.421%	
75	9.055	9.047	9.079	VV	107	1825	0.54%	0.096%	
76	9.105	9.079	9.116	VV	107	2122	0.63%	0.112%	
77	9.125	9.116	9.134	VV	129	1228	0.37%	0.065%	
78	9.152	9.134	9.161	VV	144	1967	0.59%	0.103%	
79	9.195	9.161	9.291	VV	146	9169	2.73%	0.482%	
80	9.391	9.291	9.501	VV	256	20073	5.98%	1.055%	
81	9.508	9.501	9.562	VV	80	2116	0.63%	0.111%	
82	9.625	9.562	9.676	VV	161	7847	2.34%	0.412%	
83	9.684	9.676	9.719	VV	144	3039	0.90%	0.160%	
84	9.729	9.719	9.734	VV	105	946	0.28%	0.050%	
85	9.745	9.734	9.756	VV	104	1290	0.38%	0.068%	
86	9.787	9.756	9.907	VV	112	6573	1.96%	0.346%	
87	9.914	9.907	9.954	VV	28	592	0.18%	0.031%	
88	9.961	9.954	9.979	VV	24	290	0.09%	0.015%	
89	10.033	9.979	10.057	VV	52	1671	0.50%	0.088%	

					rteres			
90	10.182	10.057	10.271	VV	301	22026	6.56%	1.158%
91	10.295	10.271	10.305	VV	194	3898	1.16%	0.205%
92	10.310	10.305	10.342	VV	186	3842	1.14%	0.202%
93	10.351	10.342	10.361	VV	172	1836	0.55%	0.097%
94	10.369	10.361	10.381	VV	167	1973	0.59%	0.104%
95	10.406	10.381	10.424	VV	168	3988	1.19%	0.210%
96	10.488	10.424	10.523	VV	214	11406	3.40%	0.600%
97	10.625	10.523	10.720	VV	1748	97772	29.12%	5.140%
98	10.786	10.720	10.886	VV	528	37575	11.19%	1.975%
99	10.962	10.886	11.100	VV	321	24729	7.36%	1.300%
100	11.143	11.100	11.149	VV	136	3017	0.90%	0.159%
101	11.172	11.149	11.251	VV	155	7008	2.09%	0.368%
102	11.275	11.251	11.317	VV	82	2473	0.74%	0.130%
103	11.325	11.317	11.359	VV	50	841	0.25%	0.044%
104	11.427	11.359	11.436	VV	98	2539	0.76%	0.133%
105	11.449	11.436	11.457	VV	108	1245	0.37%	0.065%
106	11.479	11.457	11.488	VV	120	2088	0.62%	0.110%
107	11.493	11.488	11.523	VV	116	2248	0.67%	0.118%
108	11.533	11.523	11.553	VV	104	1667	0.50%	0.088%
109	11.737	11.553	11.832	VV	734	73076	21.76%	3.841%
110	11.866	11.832	11.967	VV	378	19170	5.71%	1.008%
111	12.066	11.967	12.183	VV	420	30832	9.18%	1.621%
112	12.190	12.183	12.225	VV	58	1048	0.31%	0.055%
113	12.240	12.225	12.246	VV	41	420	0.13%	0.022%
114	12.255	12.246	12.277	VV	66	659	0.20%	0.035%
115	12.319	12.277	12.332	VV	65	1635	0.49%	0.086%
116	12.342	12.332	12.397	VV	56	1524	0.45%	0.080%
117	12.405	12.397	12.416	VV	20	147	0.04%	0.008%
118	12.426	12.416	12.452	VV	18	241	0.07%	0.013%
119	12.544	12.452	12.573	PV	40	1549	0.46%	0.081%
120	12.578	12.573	12.586	VV	42	292	0.09%	0.015%
121	12.594	12.586	12.603	VV	35	307	0.09%	0.016%
122	12.611	12.603	12.637	VV	37	566	0.17%	0.030%
123	12.764	12.637	12.894	VV	340	26456	7.88%	1.391%
124	13.054	12.894	13.116	VV	1128	74434	22.17%	3.913%
125	13.191	13.116	13.418	VV	3040	171541	51.08%	9.017%
126	13.551	13.418	13.696	VV	310	26824	7.99%	1.410%
127	13.799	13.696	13.830	VV	165	8645	2.57%	0.454%
128	13.922	13.830	14.016	VV	1727	92921	27.67%	4.885%
129	14.105	14.016	14.309	VV	873	75169	22.38%	3.951%
130	14.362	14.309	14.390	VV	107	4560	1.36%	0.240%
131	14.415	14.390	14.470	VV	118	4712	1.40%	0.248%
132	14.534	14.470	14.636	VV	178	8892	2.65%	0.467%
133	14.678	14.636	14.725	PV	21	630	0.19%	0.033%
134	14.889	14.725	14.982	VV	133	12181	3.63%	0.640%
135	15.097	14.982	15.167	VV	421	28929	8.61%	1.521%
136	15.231	15.167	15.308	VV	500	26261	7.82%	1.380%
137	15.410	15.308	15.470	VV	1980	102963	30.66%	5.412%
138	15.508	15.470	15.632	VV	1171	55212	16.44%	2.902%
139	15.660	15.632	15.707	VV	37	1258	0.37%	0.066%
140	15.718	15.707	15.737	VV	25	413	0.12%	0.022%
141	15.780	15.737	15.857	VV	47	2408	0.72%	0.127%

					rteres				
142	15.953	15.857	16.085	VV	827	40672	12.11%	2.138%	
143	16.197	16.085	16.317	PV	4079	180858	53.86%	9.507%	
					Sum of corrected areas:	1902322			

FB042325.M Tue Apr 29 16:02:19 2025



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: WALS01
 ProjectID: Walsh CO-032 Sampling
 Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

Calibration Sequence : FB042325			Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID	
45	1404536	31212	FB031638.D	
90	2828773	31431	FB031639.D	
180	5982574	33237	FB031640.D	
450	16361923	36360	FB031641.D	
900	31441842	34935	FB031642.D	
AVG RF : 33435		% RSD : 6.655		AVG RT : 8.7924

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: WALS01
ProjectID: Walsh CO-032 Sampling
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
DataFile: FB031653.D Analyst Name: YP/AJ Analyst Date: 04-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6975350	38752	33435	15.902

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
 Data File : FB031653.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 8:43
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Apr 30 02:32:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	471819	20.574 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.727	742854	33.430 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1146334	33.559 ng/ml
3) t n-Heptane	7.753	354736	11.533 ng/ml
4) t Benzene	7.893	481979	11.787 ng/ml
6) t Toluene	10.619	1374660	34.503 ng/ml
7) t Ethylbenzene	13.054	417440	11.682 ng/ml
8) t m-Xylene	13.188	908924	23.263 ng/ml
9) t O-Xylene	13.916	865765	23.499 ng/ml
10) t 1,2,4-Trimethylbenzene	16.191	682658	25.308 ng/ml

(f)=RT Delta > 1/2 Window

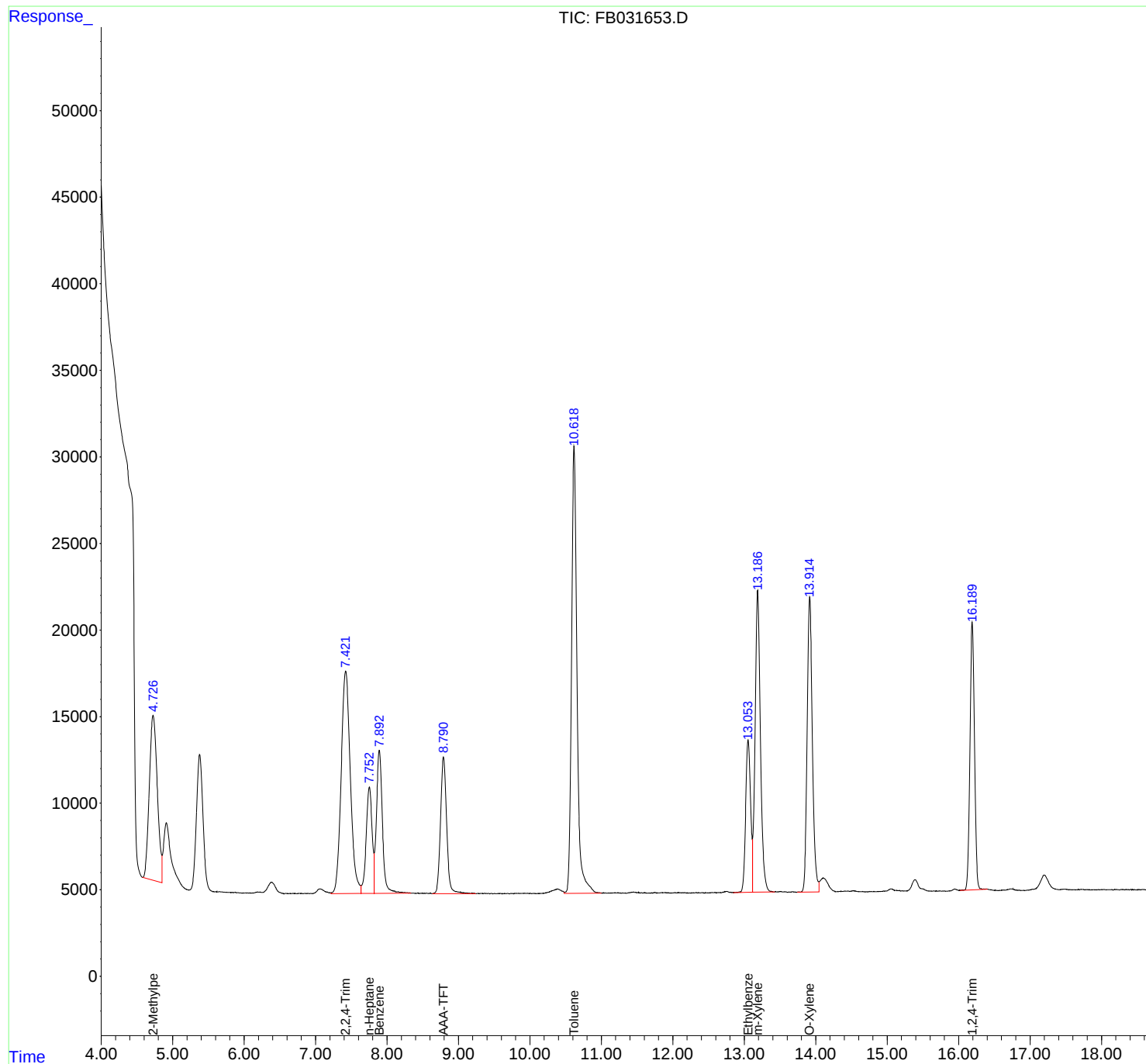
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031653.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 8:43
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Apr 30 02:32:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031653.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 8:43
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.727	4.576	4.852	BV	9521	742854	54.04%	9.975%
2	7.422	7.216	7.638	VV	12847	1146334	83.39%	15.393%
3	7.753	7.638	7.820	VV	6140	354736	25.81%	4.763%
4	7.893	7.820	8.336	VB	8275	481979	35.06%	6.472%
5	8.791	8.632	9.244	PB	7895	471819	34.32%	6.336%
6	10.619	10.480	11.000	VV	25807	1374660	100.00%	18.459%
7	13.054	12.848	13.115	BV	8804	417440	30.37%	5.605%
8	13.188	13.115	13.427	VV	17441	908924	66.12%	12.205%
9	13.916	13.739	14.047	BV	17030	865765	62.98%	11.625%
10	16.191	16.014	16.404	PBA	15436	682658	49.66%	9.167%

Sum of corrected areas: 7447168

FB042325.M Wed Apr 30 03:40:26 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: WALS01
ProjectID: Walsh CO-032 Sampling
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
DataFile: FB031663.D Analyst Name: YP/AJ Analyst Date: 04-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6289059	34939	33435	4.498

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
 Data File : FB031663.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 15:34
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Apr 30 02:34:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.795	415655	18.125 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.725	597978	26.910 ng/ml
2) t 2,2,4-Trimethylpentane	7.424	984719	28.828 ng/ml
3) t n-Heptane	7.756	287799	9.357 ng/ml
4) t Benzene	7.896	397190	9.713 ng/ml
6) t Toluene	10.622	1240111	31.126 ng/ml
7) t Ethylbenzene	13.058	384316	10.755 ng/ml
8) t m-Xylene	13.192	920200	23.551 ng/ml
9) t O-Xylene	13.920	795304	21.586 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	681442	25.262 ng/ml

(f)=RT Delta > 1/2 Window

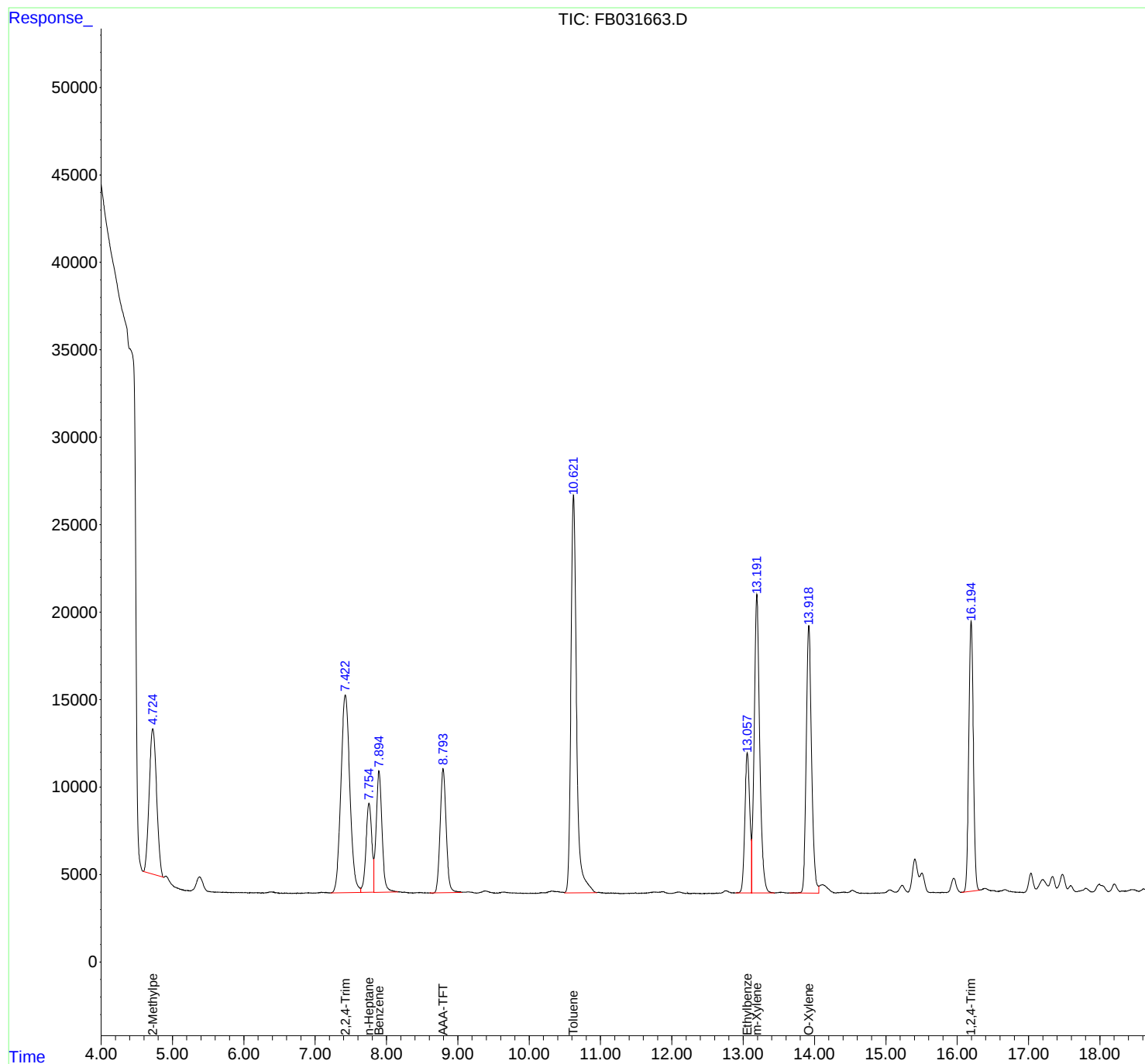
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031663.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 15:34
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Apr 30 02:34:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031663.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 15:34
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.725	4.587	4.880	BV	8321	597978	48.22%	8.919%
2	7.424	7.220	7.639	BV	11305	984719	79.41%	14.687%
3	7.756	7.639	7.823	VV	5087	287799	23.21%	4.292%
4	7.896	7.823	8.162	VV	6936	397190	32.03%	5.924%
5	8.795	8.604	9.057	BV	7096	415655	33.52%	6.199%
6	10.622	10.502	10.949	VV	22730	1240111	100.00%	18.496%
7	13.058	12.893	13.118	BV	8010	384316	30.99%	5.732%
8	13.192	13.118	13.441	VV	17060	920200	74.20%	13.725%
9	13.920	13.655	14.061	BV	15306	795304	64.13%	11.862%
10	16.196	16.063	16.315	PV	15434	681442	54.95%	10.164%

Sum of corrected areas: 6704715

FB042325.M Wed Apr 30 03:42:36 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: WALS01
ProjectID: Walsh CO-032 Sampling
Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
DataFile: FB031666.D Analyst Name: YP/AJ Analyst Date: 04-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6856486	38092	33435	13.929

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
 Data File : FB031666.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 17:21
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: Calibration.e
 Quant Time: Apr 30 02:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.797	522141	22.768 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.725	700936	31.543 ng/mlm
2) t 2,2,4-Trimethylpentane	7.426	1121357	32.828 ng/ml
3) t n-Heptane	7.758	323860	10.529 ng/ml
4) t Benzene	7.899	461445	11.284 ng/ml
6) t Toluene	10.626	1361986	34.185 ng/ml
7) t Ethylbenzene	13.062	416836	11.665 ng/ml
8) t m-Xylene	13.195	945395	24.196 ng/ml
9) t O-Xylene	13.924	862480	23.409 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	662191	24.549 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031666.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 17:21
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

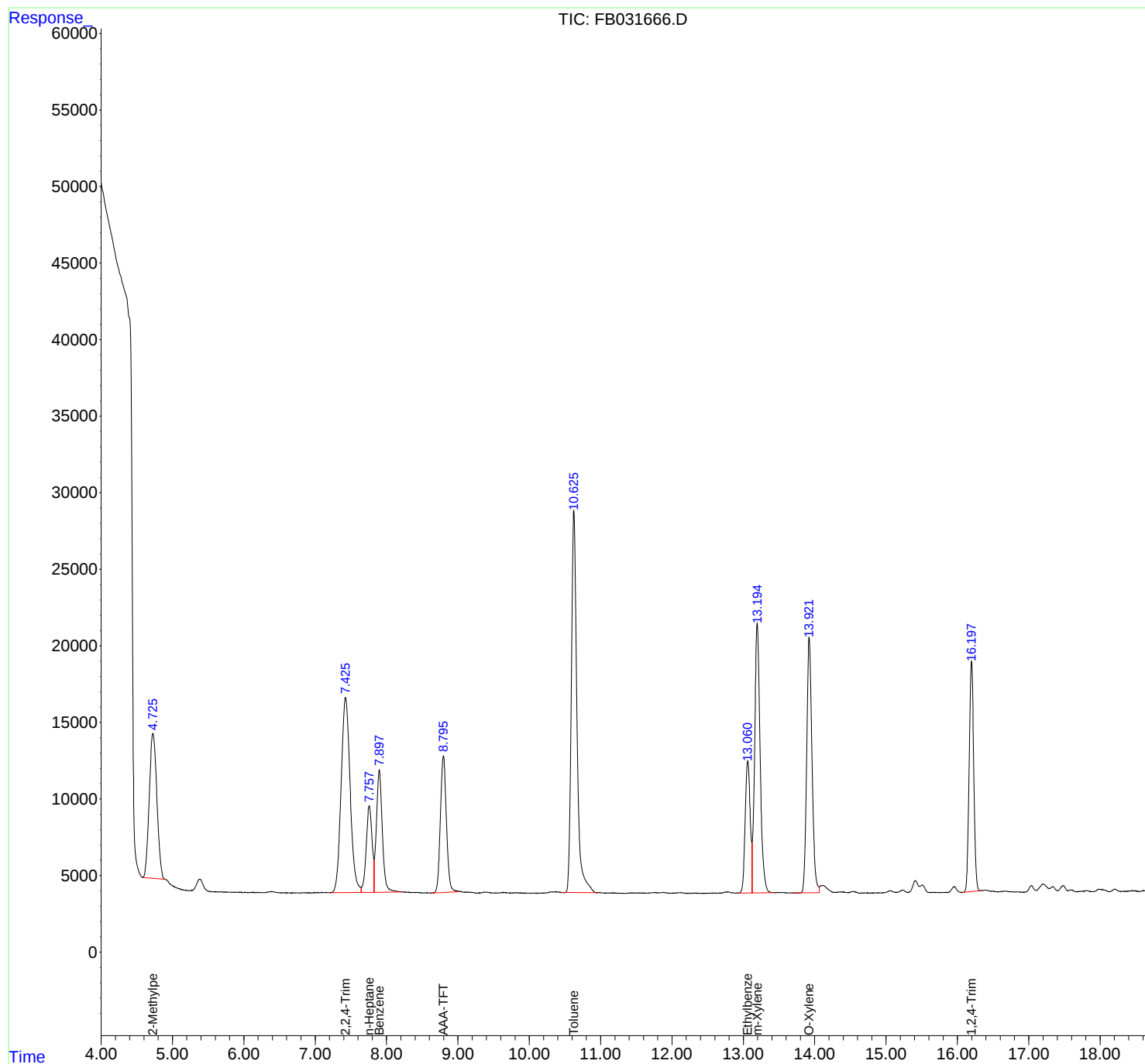
Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: Calibration.e
Quant Time: Apr 30 02:34:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Instrument :
FID_B
LabSampleId :
20 PPB GRO STD
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB04292
Data File : FB031666.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 17:21
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.727	4.571	5.085	BV	9610	746076	54.78%	10.050%
2	7.426	7.223	7.644	BV	12748	1121357	82.33%	15.105%
3	7.758	7.644	7.826	VV	5656	323860	23.78%	4.362%
4	7.899	7.826	8.214	VV	7997	461445	33.88%	6.216%
5	8.797	8.612	9.027	BV	8922	522141	38.34%	7.033%
6	10.626	10.466	10.957	BV	24975	1361986	100.00%	18.346%
7	13.062	12.933	13.122	VV	8622	416836	30.61%	5.615%
8	13.195	13.122	13.433	VV	17596	945395	69.41%	12.735%
9	13.924	13.675	14.065	BV	16681	862480	63.33%	11.618%
10	16.198	16.071	16.330	PV	15018	662191	48.62%	8.920%

Sum of corrected areas: 7423766

FB042325.M Wed Apr 30 03:43:14 2025

Analytical Sequence

Client: Walsh Construction Company II, LLC

SDG No.: Q1907

Project: Walsh CO-032 Sampling

Instrument ID: FID_B

GC Column: RTX-502.2 **ID:** 0.53 (mm)

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 8.7924					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	29 Apr 2025 8:43	FB031653.D	8.791	
VBF0429S1	VBF0429S1	29 Apr 2025 9:24	FB031654.D	8.793	
BSF0429S1	BSF0429S1	29 Apr 2025 10:19	FB031656.D	8.794	
BSF0429S2	BSF0429S2	29 Apr 2025 15:06	FB031662.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	29 Apr 2025 15:34	FB031663.D	8.795	
CO-8R-WC	Q1907-01	29 Apr 2025 16:14	FB031664.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	29 Apr 2025 17:21	FB031666.D	8.797	



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VBF0429S1	SDG No.:	Q1907
Lab Sample ID:	VBF0429S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031654.D	1	04/29/25 9:24	FB042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.4		50 - 150	97%	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_B\Data\FB042925\
Data File : FB031654.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 9:24
Operator : YP/AJ
Sample : VBF0429S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0429S1

Integration File: Calibration.e
Quant Time: Apr 30 02:32:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	444697	19.391 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

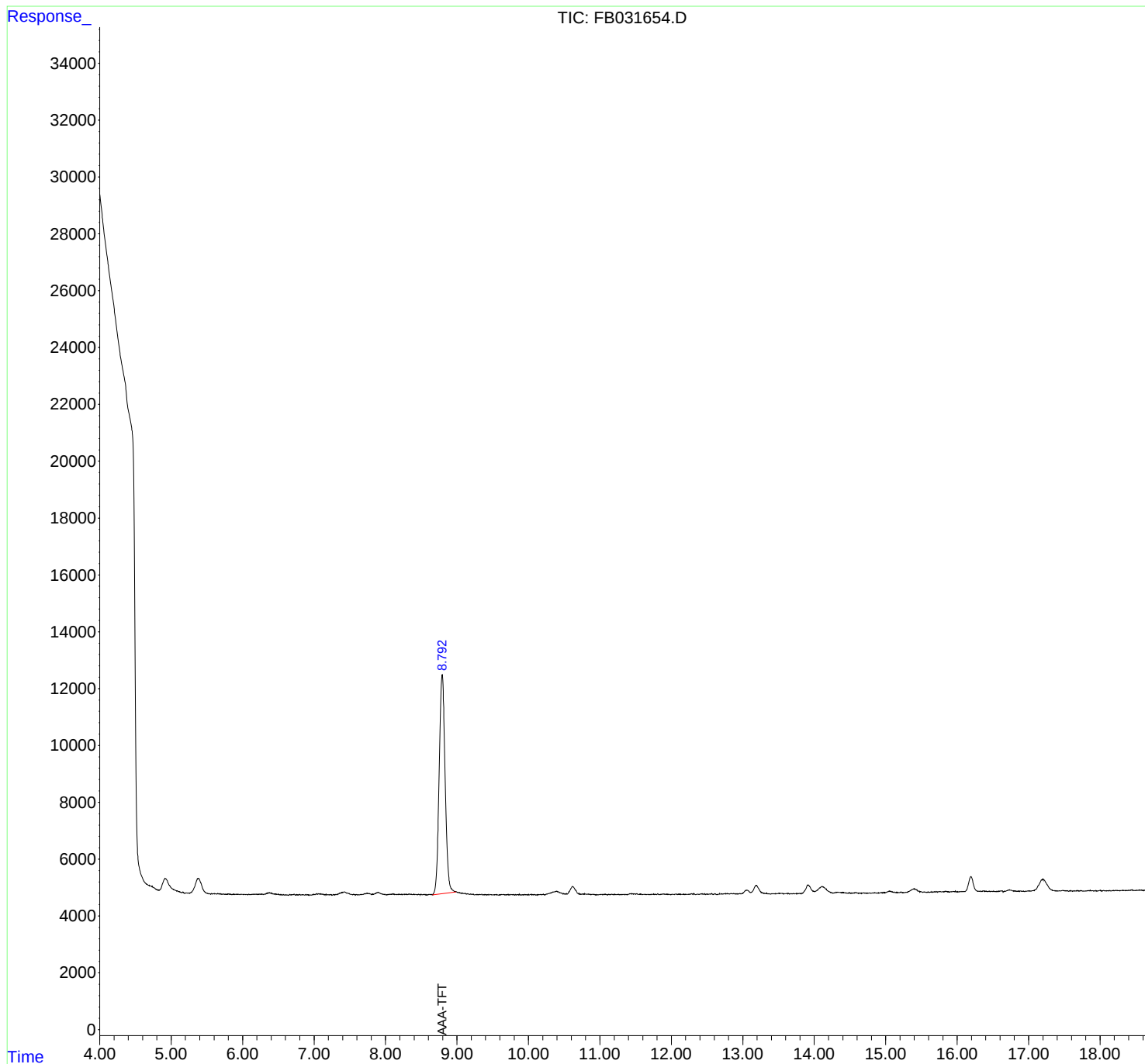
(m)=manual int.

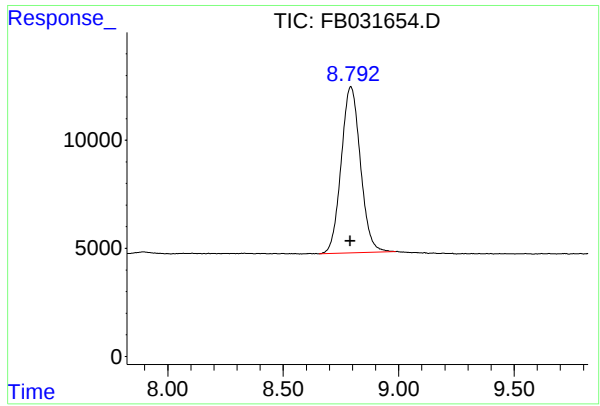
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031654.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 9:24
Operator : YP/AJ
Sample : VBF0429S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0429S1

Integration File: Calibration.e
Quant Time: Apr 30 02:32:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.001 min
Response: 444697
Conc: 19.39 ng/ml

Instrument :

FID_B

ClientSampleId :

VBF0429S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031654.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 9:24
Sample : VBF0429S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.793	8.655	8.988	PV	7705	444697	100.00%	100.000%
Sum of corrected areas:						444697		

FB042325.M Wed Apr 30 03:40:43 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	BSF0429S1	SDG No.:	Q1907
Lab Sample ID:	BSF0429S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Decanted:	
Prep Method :		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031656.D	1	04/29/25 10:19	FB042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	174		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.6		50 - 150	93%	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_B\Data\FB042925\
 Data File : FB031656.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 10:19
 Operator : YP/AJ
 Sample : BSF0429S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF0429S1

Integration File: Calibration.e
 Quant Time: Apr 30 02:33:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.794	425954	18.574 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.726	614566	27.657 ng/ml
2) t 2,2,4-Trimethylpentane	7.424	979564	28.677 ng/ml
3) t n-Heptane	7.757	284925	9.263 ng/ml
4) t Benzene	7.896	386594	9.454 ng/ml
6) t Toluene	10.622	1155235	28.996 ng/ml
7) t Ethylbenzene	13.058	351295	9.831 ng/ml
8) t m-Xylene	13.192	767769	19.650 ng/ml
9) t O-Xylene	13.919	722863	19.620 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	540601	20.041 ng/ml

(f)=RT Delta > 1/2 Window

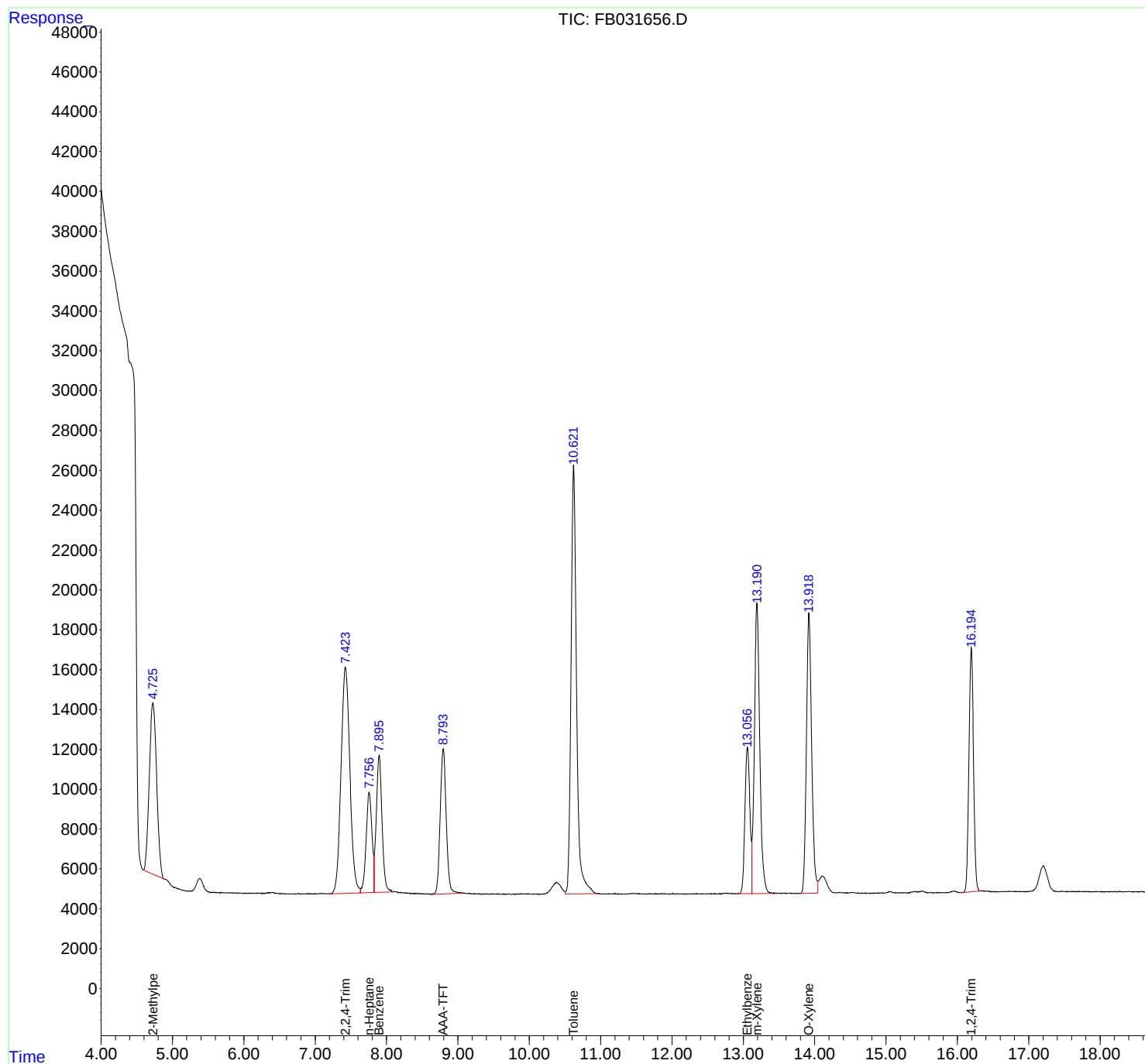
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031656.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 10:19
Operator : YP/AJ
Sample : BSF0429S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0429S1

Integration File: Calibration.e
Quant Time: Apr 30 02:33:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031656.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 10:19
Sample : BSF0429S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.726	4.587	4.899	BV	8594	614566	53.20%	9.866%
2	7.424	7.187	7.633	BV	11354	979564	84.79%	15.725%
3	7.757	7.633	7.824	VV	5040	284925	24.66%	4.574%
4	7.896	7.824	8.095	VV	6879	386594	33.46%	6.206%
5	8.794	8.630	9.055	PV	7275	425954	36.87%	6.838%
6	10.622	10.505	10.952	VV	21519	1155235	100.00%	18.545%
7	13.058	12.909	13.118	BV	7355	351295	30.41%	5.639%
8	13.192	13.118	13.407	VV	14555	767769	66.46%	12.325%
9	13.919	13.792	14.042	PV	14075	722863	62.57%	11.604%
10	16.195	16.055	16.325	BV	12228	540601	46.80%	8.678%

Sum of corrected areas: 6229366

FB042325.M Wed Apr 30 03:41:15 2025

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	BSF0429S2	SDG No.:	Q1907
Lab Sample ID:	BSF0429S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Decanted:	
Prep Method :		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031662.D	1	04/29/25 15:06	FB042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	189		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.0		50 - 150	90%	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_B\Data\FB042925\
 Data File : FB031662.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 15:06
 Operator : YP/AJ
 Sample : BSF0429S2
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF0429S2

Integration File: Calibration.e
 Quant Time: Apr 30 02:33:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.795	413420	18.027 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.725	557747	25.100 ng/ml
2) t 2,2,4-Trimethylpentane	7.425	954042	27.930 ng/ml
3) t n-Heptane	7.757	283360	9.213 ng/ml
4) t Benzene	7.897	396227	9.690 ng/ml
6) t Toluene	10.623	1257470	31.562 ng/ml
7) t Ethylbenzene	13.059	393626	11.015 ng/ml
8) t m-Xylene	13.192	957337	24.502 ng/ml
9) t O-Xylene	13.921	806505	21.890 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	729252	27.035 ng/ml

(f)=RT Delta > 1/2 Window

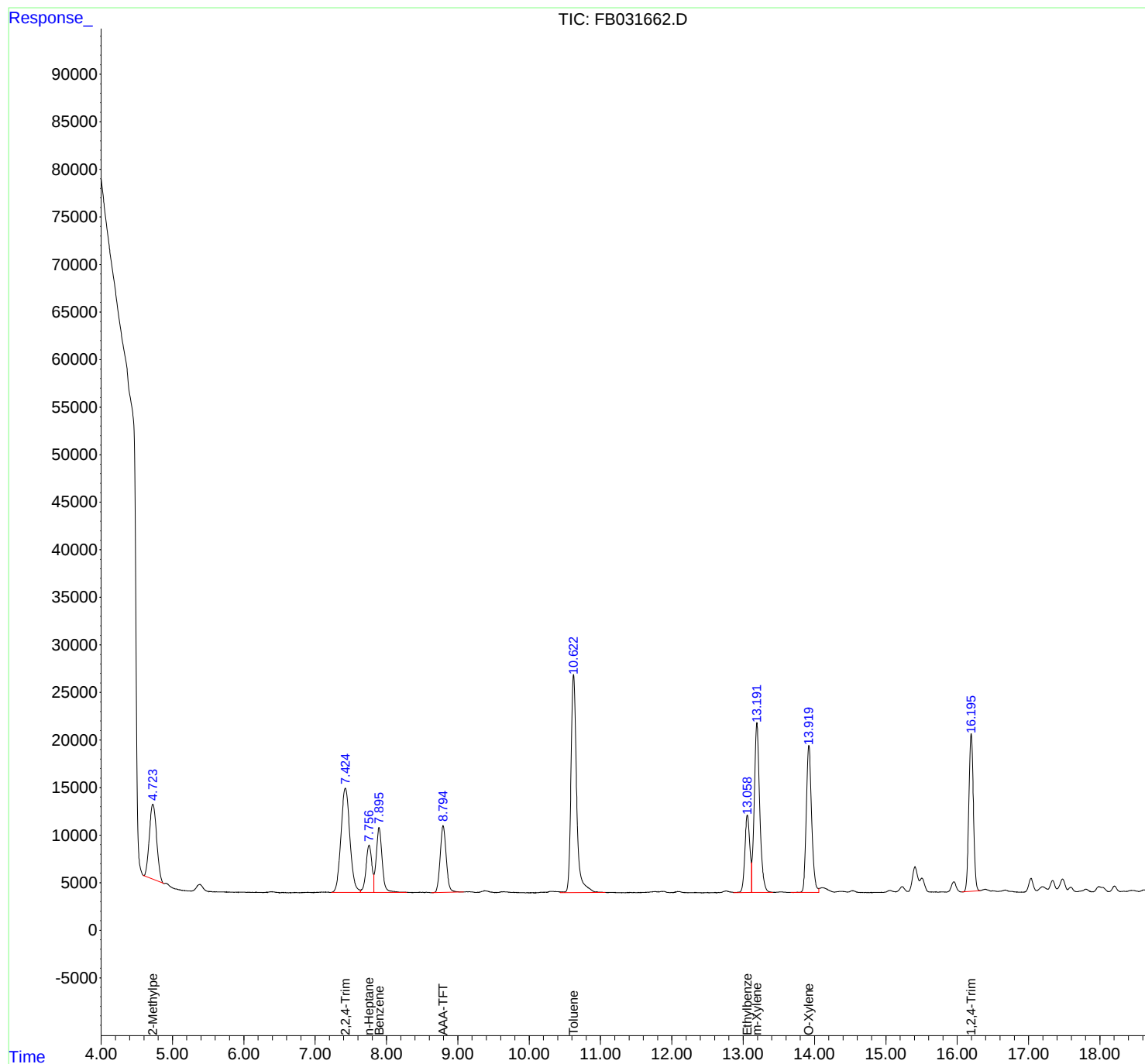
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031662.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 15:06
Operator : YP/AJ
Sample : BSF0429S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0429S2

Integration File: Calibration.e
Quant Time: Apr 30 02:33:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
Data File : FB031662.D
Signal(s) : FID2B.CH
Acq On : 29 Apr 2025 15:06
Sample : BSF0429S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.725	4.587	4.882	BV	7883	557747	44.35%	8.264%
2	7.425	7.223	7.636	BV	10975	954042	75.87%	14.136%
3	7.757	7.636	7.824	VV	4961	283360	22.53%	4.199%
4	7.897	7.824	8.289	VV	6829	396227	31.51%	5.871%
5	8.795	8.629	9.082	BV	7035	413420	32.88%	6.126%
6	10.623	10.441	11.067	VV	22932	1257470	100.00%	18.632%
7	13.059	12.865	13.118	VV	8150	393626	31.30%	5.832%
8	13.192	13.118	13.416	VV	17851	957337	76.13%	14.185%
9	13.921	13.664	14.059	BV	15466	806505	64.14%	11.950%
10	16.197	16.066	16.322	PV	16566	729252	57.99%	10.805%

Sum of corrected areas: 6748988

FB042325.M Wed Apr 30 03:42:16 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
50 GRO STD		FB031641.D	FB042325	2-Methylpentane	mohammad	4/26/2025 2:19:22 AM	Peak Integrated by Software incorrectly
100 GRO STD		FB031642.D	FB042325	2-Methylpentane	mohammad	4/26/2025 2:19:22 AM	Peak Integrated by Software incorrectly
FB042325GROICV		FB031643.D	FB042325	2-Methylpentane	mohammad	4/26/2025 2:19:22 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q1872-15		FB031657.D	FB042925	2,2,4-Trimethylpentane	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	2-Methylpentane	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	AAA-TFT	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	Benzene	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	Ethylbenzene	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	m-Xylene	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	n-Heptane	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
Q1872-15		FB031657.D	FB042925	Toluene	mohammad	5/2/2025 3:01:29 AM	Peak Integrated by Software incorrectly
20 PPB GRO STD		FB031666.D	FB042925	2-Methylpentane	mohammad	5/2/2025 3:01:33 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB042325

Review By	yogesh	Review On	4/23/2025 1:56:12 PM
Supervise By	mohammad	Supervise On	4/26/2025 2:19:22 AM
SubDirectory	FB042325	HP Acquire Method	HP Processing Method FB042325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24490		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031638.D	23 Apr 2025 12:11	YP/AJ	Ok
2	10 GRO STD	FB031639.D	23 Apr 2025 12:38	YP/AJ	Ok
3	20 GRO STD	FB031640.D	23 Apr 2025 13:05	YP/AJ	Ok
4	50 GRO STD	FB031641.D	23 Apr 2025 13:32	YP/AJ	Ok,M
5	100 GRO STD	FB031642.D	23 Apr 2025 14:00	YP/AJ	Ok,M
6	FB042325GROICV	FB031643.D	23 Apr 2025 14:39	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB042925

Review By	yogesh	Review On	4/29/2025 2:40:54 PM
Supervise By	mohammad	Supervise On	5/2/2025 3:01:59 AM
SubDirectory	FB042925	HP Acquire Method	HP Processing Method FB042325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489		
CCC Internal Standard/PEM	PP24494,PP24495,PP24496		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24490		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031653.D	29 Apr 2025 8:43	YP/AJ	Ok
2	VBF0429S1	FB031654.D	29 Apr 2025 9:24	YP/AJ	Ok
3	VBF0429S2	FB031655.D	29 Apr 2025 9:52	YP/AJ	Ok
4	BSF0429S1	FB031656.D	29 Apr 2025 10:19	YP/AJ	Ok
5	Q1872-15	FB031657.D	29 Apr 2025 11:02	YP/AJ	Dilution
6	I.BLK	FB031658.D	29 Apr 2025 11:30	YP/AJ	Ok
7	Q1872-15	FB031659.D	29 Apr 2025 11:57	YP/AJ	Dilution
8	Q1872-15	FB031660.D	29 Apr 2025 12:24	YP/AJ	Dilution
9	Q1872-15	FB031661.D	29 Apr 2025 14:10	YP/AJ	Ok
10	BSF0429S2	FB031662.D	29 Apr 2025 15:06	YP/AJ	Ok
11	20 PPB GRO STD	FB031663.D	29 Apr 2025 15:34	YP/AJ	Ok
12	Q1907-01	FB031664.D	29 Apr 2025 16:14	YP/AJ	Ok
13	BSF0429S3	FB031665.D	29 Apr 2025 16:53	YP/AJ	Ok
14	20 PPB GRO STD	FB031666.D	29 Apr 2025 17:21	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB042325

Review By	yogesh	Review On	4/23/2025 1:56:12 PM
Supervise By	mohammad	Supervise On	4/26/2025 2:19:22 AM
SubDirectory	FB042325	HP Acquire Method	HP Processing Method
			FB042325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24490		

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031638.D	23 Apr 2025 12:11		YP/AJ	Ok
2	10 GRO STD		FB031639.D	23 Apr 2025 12:38		YP/AJ	Ok
3	20 GRO STD		FB031640.D	23 Apr 2025 13:05		YP/AJ	Ok
4	50 GRO STD		FB031641.D	23 Apr 2025 13:32		YP/AJ	Ok,M
5	100 GRO STD		FB031642.D	23 Apr 2025 14:00		YP/AJ	Ok,M
6	FB042325GROICV		FB031643.D	23 Apr 2025 14:39		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB042925

Review By	yogesh	Review On	4/29/2025 2:40:54 PM
Supervise By	mohammad	Supervise On	5/2/2025 3:01:59 AM
SubDirectory	FB042925	HP Acquire Method	HP Processing Method
			FB042325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489		
CCC	PP24494,PP24495,PP24496		
Internal Standard/PEM			
ICV/I.BLK	PP24111,PP24490		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031653.D	29 Apr 2025 8:43		YP/AJ	Ok
2	VBF0429S1		FB031654.D	29 Apr 2025 9:24		YP/AJ	Ok
3	VBF0429S2		FB031655.D	29 Apr 2025 9:52		YP/AJ	Ok
4	BSF0429S1		FB031656.D	29 Apr 2025 10:19		YP/AJ	Ok
5	Q1872-15		FB031657.D	29 Apr 2025 11:02	need dilution	YP/AJ	Dilution
6	I.BLK		FB031658.D	29 Apr 2025 11:30		YP/AJ	Ok
7	Q1872-15		FB031659.D	29 Apr 2025 11:57	need dilution	YP/AJ	Dilution
8	Q1872-15		FB031660.D	29 Apr 2025 12:24	need dilution	YP/AJ	Dilution
9	Q1872-15		FB031661.D	29 Apr 2025 14:10		YP/AJ	Ok
10	BSF0429S2		FB031662.D	29 Apr 2025 15:06		YP/AJ	Ok
11	20 PPB GRO STD		FB031663.D	29 Apr 2025 15:34		YP/AJ	Ok
12	Q1907-01		FB031664.D	29 Apr 2025 16:14	Vial-A	YP/AJ	Ok
13	BSF0429S3		FB031665.D	29 Apr 2025 16:53		YP/AJ	Ok
14	20 PPB GRO STD		FB031666.D	29 Apr 2025 17:21		YP/AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1872-24	HW0425-PT-SOL-SOIL	8	0.92	10.30	11.22	8.82	76.7	
Q1901-01	B-170-SB00	1	1.14	5.55	6.69	6.28	92.6	
Q1901-02	B-167-SB01	2	1.14	10.22	11.36	9.58	82.6	
Q1901-03	B-170-SB01	3	1.19	10.31	11.5	9.75	83.0	
Q1901-04	B-167-SB02	4	1.15	9.78	10.93	6.35	53.2	
Q1901-05	B-170-SB02	5	1.14	10.16	11.3	8.77	75.1	
Q1902-01	343	6	1.19	10.23	11.42	10.7	93.0	
Q1902-02	343	7	1.13	10.19	11.32	10.33	90.3	
Q1903-01	COMP-4	9	1.18	11.14	12.32	10.46	83.3	
Q1903-02	COMP-5	10	1.16	10.50	11.66	9.44	78.9	
Q1903-03	COMP-6	11	1.17	10.60	11.77	10.06	83.9	
Q1904-01	VNJ-210	12	1.19	10.39	11.58	10.6	90.6	
Q1905-01	MH-G	13	1.15	10.35	11.5	10.38	89.2	
Q1905-02	MH-G-EPH	14	1.16	9.65	10.81	9.71	88.6	
Q1905-03	MH-G-VOC	15	1.16	10.33	11.49	10.36	89.1	
Q1905-05	MH-H	16	1.12	10.03	11.15	10.5	93.5	
Q1905-06	MH-H-EPH	17	1.13	10.30	11.43	10.5	91.0	
Q1905-07	MH-H-VOC	18	1.12	10.03	11.15	10.01	88.6	
Q1906-01	WC-4	19	1.15	9.85	11.00	10.14	91.3	
Q1906-02	WC-4-EPH	20	1.16	9.97	11.13	10.17	90.4	
Q1906-03	WC-4-VOC	21	1.18	9.99	11.17	9.91	87.4	
Q1906-05	WC-5	22	1.16	10.82	11.98	10.19	83.5	
Q1906-06	WC-5-EPH	23	1.13	10.41	11.54	9.94	84.6	
Q1906-07	WC-5-VOC	24	1.18	10.47	11.65	11.63	99.8	
Q1906-09	WC-6	25	1.14	10.04	11.18	10.4	92.2	
Q1906-10	WC-6-EPH	26	1.15	10.77	11.92	10.23	84.3	
Q1906-11	WC-6-VOC	27	1.14	10.47	11.61	10.86	92.8	
Q1906-13	WC-7	28	1.14	10.85	11.99	10.31	84.5	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1906-14	WC-7-EPH	29	1.12	9.86	10.98	9.7	87.0	
Q1906-15	WC-7-VOC	30	1.13	10.27	11.4	10.23	88.6	
Q1907-01	CO-8R-WC	31	1.13	10.26	11.39	9.81	84.6	

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

WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-24	HW0425-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	04/21/2025	Chemtech -SO
Q1903-01	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-02	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-03	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1901-01	B-170-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-02	B-167-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-03	B-170-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-04	B-167-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-05	B-170-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1902-01	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1902-02	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1904-01	VNJ-210	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-13	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-14	WC-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-15	WC-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-06	WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-07	WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

Handwritten signature

WorkList Name : %1-042825 WorkList ID : 189159 Department : Wet-Chemistry Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1906-09	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-10	WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-11	WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-01	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-02	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-03	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1907-01	CO-8R-WC	Solid	Percent Solids	Cool 4 deg C	WALS01	L51	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bennie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: Standard TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1. TCL VOCs (52100)
2. TCL SVOCs (52100)
3. TCL VOCs (52100)
4. TCL SVOCs (52100)
5. TCL VOCs (52100)
6. TCL SVOCs (52100)
7. TCL VOCs (52100)
8. TCL SVOCs (52100)
9. TCL VOCs (52100)
10. TCL SVOCs (52100)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	G	G	E	E	F+E	G	E	E	← Specify Preservatives	
																	A-HCl	D-NaOH
								1	2	3	4	5	6	7	8	9	B-HNO3	E-ICE
																	C-H2SO4	F-OTHER
1.	CO-0082-WC	Soil	X	X	4/28/25	11:50	25	X	X	X	X	X	X	X	X	X	13x 8oz, 1x 4oz	
2.																	2x terracore sets,	
3.																	1x encore set	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>4/28/25 1220</u>	RECEIVED BY: 1. <u>Bennie DG</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0°C</u>
RELINQUISHED BY SAMPLER: 2. <u>Bennie DG</u>	DATE/TIME: <u>4/28/25 2:00 PM</u>	RECEIVED BY: 2. <u>[Signature]</u> <u>4/28/25</u>	Comments: <u>RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide & Cyanide)</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>4-28-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	<u>Full analyte list in J. Peterson email on 4/22/25</u> <u>Bottle order # B2504038</u> <u>Temp 3.0°C Adjustment factor +17 IR Gun #1</u>

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 : Q1907	WALS01	Order Date : 4/28/2025 4:13:00 PM	Project Mgr :
Client Name : Walsh Construction Compai		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 4/28/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compai		Purchase Order : 16:10	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1907-01	CO-8R-WC	Solid	04/28/2025	11:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 4-28-25 1645

Received By : 

Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room