

Cover Page

Order ID : Q2484

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2484-01
Q2484-02
Q2484-03
Q2484-04
Q2484-05
Q2484-06

Client Sample Number

TP-58
TP-57
TP-64
TP-107
TP-106
TP-104

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: 7/11/2025

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 #: Q2484

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: PRADIP PRAJAPATI

Date: 07/11/2025

LAB CHRONICLE

OrderID:	Q2484	OrderDate:	7/2/2025 9:23:00 AM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	--Select--,A12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2484-01	TP-58	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/03/25	
			Gasoline Range Organics	8015D			07/03/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2484-02	TP-57	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			07/03/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2484-03	TP-64	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/03/25	
			Gasoline Range Organics	8015D			07/03/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2484-04	TP-107	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			07/08/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2484-05	TP-106	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			07/03/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2484-06	TP-104	SOIL			07/01/25			07/01/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	

LAB CHRONICLE

Gasoline Range Organics	8015D		07/03/25
PCB	8082A	07/02/25	07/02/25
Pesticide-TCL	8081B	07/02/25	07/02/25



QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: CDM Smith

Lab Code: ACE

SDG No.: Q2484

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VB0703S1	98				0
BS0703S1	114				0
TP-58	101				0
TP-57	81				0
TP-64	74				0
TP-106	96				0
TP-104	89				0
BS0703S2	93				0
VB0708S2	76				0
BS0708S1	91				0
TP-107	100				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



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

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

Lab Name: Alliance

Client: CDM Smith

Lab Code: ACE

SDG No: Q2484

Client Sample ID : BSF0703S1

Datafile: FB032000.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	166	92	50-150

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

Lab Name: Alliance

Client: CDM Smith

Lab Code: ACE

SDG No: Q2484

Client Sample ID : BSF0703S2

Datafile: FB032007.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	172	96	50-150

LCS/LCSD % Recovery RPD : 3.6



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

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

Lab Name: Alliance

Client: CDM Smith

Lab Code: ACE

SDG No: Q2484

Client Sample ID : BSF0708S1

Datafile: FB032016.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	157	87	50-150

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0703S1

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab File ID: FB031998.D

Lab Sample ID: VBF0703S1

Date Analyzed: 07/03/25

Time Analyzed: 11:04

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:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0703S1	BSF0703S1	FB032000.D	07/03/25
TP-58	Q2484-01	FB032001.D	07/03/25
TP-57	Q2484-02	FB032002.D	07/03/25
TP-64	Q2484-03	FB032003.D	07/03/25
TP-106	Q2484-05	FB032005.D	07/03/25
TP-104	Q2484-06	FB032006.D	07/03/25
BSF0703S2	BSF0703S2	FB032007.D	07/03/25

COMMENTS: _____

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0708S2

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab File ID: FB032015.D

Lab Sample ID: VBF0708S2

Date Analyzed: 07/08/25

Time Analyzed: 14:37

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:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0708S1	BSF0708S1	FB032016.D	07/08/25
TP-107	Q2484-04	FB032021.D	07/08/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-58	SDG No.:	Q2484
Lab Sample ID:	Q2484-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.2
Sample Wt/Vol:	5.5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032001.D	1	07/03/25 12:42	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	9.00	U	9.00	47.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.1		50 - 150	101%	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\FB070325\
Data File : FB032001.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 12:42
Operator : YP/AJ
Sample : Q2484-01
Misc : 5.50G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.802	310911	20.153 ng/ml
Target Compounds			

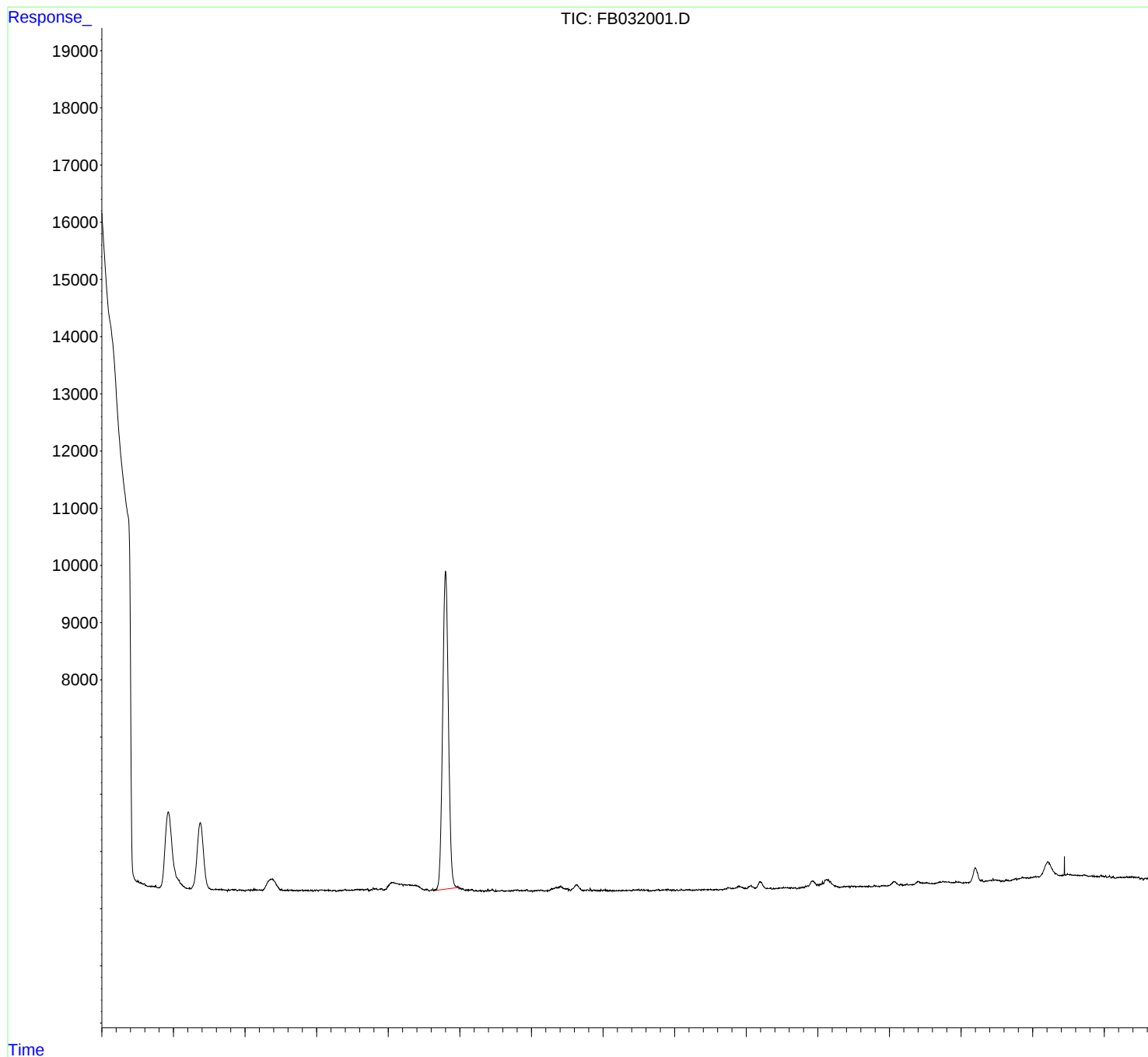
(f)=RT Delta > 1/2 Window

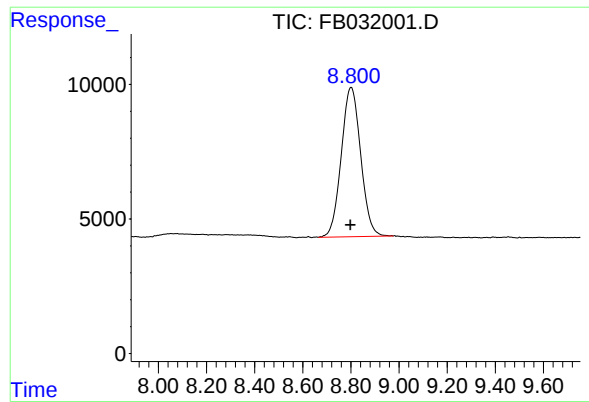
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032001.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 12:42
Operator : YP/AJ
Sample : Q2484-01
Misc : 5.50G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.802 min
Delta R.T.: 0.004 min
Response: 310911
Conc: 20.15 ng/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032001.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 12:42

Sample : Q2484-01

Misc : 5.50G/5.00 ML DI WATER

ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.695	4.687	4.705	PV	13	81	0.03%	0.015%
2	4.717	4.705	4.733	VV	14	164	0.05%	0.030%
3	4.754	4.733	4.789	VV	30	375	0.12%	0.068%
4	5.228	5.203	5.244	VV	30	409	0.13%	0.074%
5	5.591	5.563	5.615	VV	31	600	0.19%	0.109%
6	5.628	5.615	5.636	VV	22	239	0.07%	0.043%
7	5.647	5.636	5.656	VV	25	246	0.08%	0.045%
8	5.668	5.656	5.680	VV	31	288	0.09%	0.052%
9	5.688	5.680	5.742	VV	24	647	0.20%	0.118%
10	5.750	5.742	5.758	VV	14	108	0.03%	0.020%
11	5.769	5.758	5.790	PV	30	328	0.10%	0.060%
12	5.809	5.790	5.817	VV	29	335	0.10%	0.061%
13	5.828	5.817	5.859	VV	32	589	0.18%	0.107%
14	5.872	5.859	5.892	VV	34	405	0.13%	0.074%
15	5.917	5.892	5.951	VV	27	600	0.19%	0.109%
16	5.959	5.951	5.968	VV	19	159	0.05%	0.029%
17	5.976	5.968	6.002	VV	19	240	0.08%	0.044%
18	6.018	6.002	6.030	PV	21	228	0.07%	0.041%
19	6.052	6.030	6.073	VV	24	482	0.15%	0.088%
20	6.085	6.073	6.108	VV	33	426	0.13%	0.078%
21	6.129	6.108	6.160	VV	42	764	0.24%	0.139%
22	6.168	6.160	6.182	VV	29	293	0.09%	0.053%
23	6.203	6.182	6.246	VV	29	776	0.24%	0.141%

24	6.389	6.246	6.501	VV	217	19055	5.96%	3.468%
25	6.511	6.501	6.530	VV	40	426	0.13%	0.078%
26	6.539	6.530	6.566	VV	20	356	0.11%	0.065%
27	6.574	6.566	6.583	VV	20	169	0.05%	0.031%
28	6.596	6.583	6.610	VV	33	283	0.09%	0.051%
29	6.631	6.610	6.645	VV	27	377	0.12%	0.069%
30	6.654	6.645	6.670	VV	24	276	0.09%	0.050%
31	6.690	6.670	6.708	VV	19	332	0.10%	0.061%
32	6.723	6.708	6.742	VV	26	318	0.10%	0.058%
33	6.754	6.742	6.767	VV	23	221	0.07%	0.040%
34	6.775	6.767	6.784	VV	21	172	0.05%	0.031%
35	6.800	6.784	6.817	VV	27	355	0.11%	0.065%
36	6.844	6.817	6.858	VV	22	413	0.13%	0.075%
37	6.866	6.858	6.878	VV	23	197	0.06%	0.036%
38	6.890	6.878	6.906	VV	19	231	0.07%	0.042%
39	6.918	6.906	6.927	VV	26	196	0.06%	0.036%
40	6.939	6.927	6.949	VV	21	178	0.06%	0.032%
41	6.973	6.949	6.983	VV	26	288	0.09%	0.052%
42	6.998	6.983	7.025	VV	29	476	0.15%	0.087%
43	7.069	7.025	7.089	VV	28	886	0.28%	0.161%
44	7.098	7.089	7.130	VV	25	458	0.14%	0.083%
45	7.149	7.130	7.179	VV	26	572	0.18%	0.104%
46	7.187	7.179	7.216	VV	25	327	0.10%	0.060%
47	7.240	7.216	7.251	VV	21	330	0.10%	0.060%
48	7.257	7.251	7.273	VV	22	199	0.06%	0.036%
49	7.301	7.273	7.312	PV	20	243	0.08%	0.044%
50	7.320	7.312	7.354	VV	24	457	0.14%	0.083%
51	7.368	7.354	7.377	VV	26	277	0.09%	0.050%
52	7.402	7.377	7.434	VV	40	951	0.30%	0.173%
53	7.443	7.434	7.451	VV	29	234	0.07%	0.043%
54	7.458	7.451	7.504	VV	31	732	0.23%	0.133%
55	7.563	7.504	7.602	VV	42	1835	0.57%	0.334%
56	7.609	7.602	7.618	VV	40	289	0.09%	0.053%
57	7.629	7.618	7.660	VV	39	824	0.26%	0.150%
58	7.683	7.660	7.692	VV	40	612	0.19%	0.111%
59	7.710	7.692	7.741	VV	44	874	0.27%	0.159%
60	7.764	7.741	7.776	VV	39	620	0.19%	0.113%
61	7.791	7.776	7.802	VV	63	735	0.23%	0.134%
62	7.824	7.802	7.857	VV	54	1465	0.46%	0.267%

63	7.892	7.857	7.899	VV	49	1001	0.31%	0.182%
64	7.907	7.899	7.931	VV	53	782	0.24%	0.142%
65	8.053	7.931	8.064	VV	163	7296	2.28%	1.328%
66	8.079	8.064	8.165	VV	164	8609	2.69%	1.567%
67	8.185	8.165	8.208	VV	136	3276	1.03%	0.596%
68	8.222	8.208	8.266	VV	124	4040	1.26%	0.735%
69	8.282	8.266	8.323	VV	123	3975	1.24%	0.723%
70	8.331	8.323	8.353	VV	115	1993	0.62%	0.363%
71	8.373	8.353	8.393	VV	114	2572	0.81%	0.468%
72	8.398	8.393	8.504	VV	107	4617	1.45%	0.840%
73	8.532	8.504	8.575	VV	46	1330	0.42%	0.242%
74	8.601	8.575	8.615	VV	30	516	0.16%	0.094%
75	8.624	8.615	8.638	VV	50	438	0.14%	0.080%
76	8.658	8.638	8.665	VV	36	426	0.13%	0.078%
77	8.801	8.665	8.964	VV	5598	319465	100.00%	58.137%
78	8.971	8.964	9.010	VV	91	2003	0.63%	0.365%
79	9.017	9.010	9.026	VV	60	486	0.15%	0.088%
80	9.036	9.026	9.085	VV	55	1325	0.41%	0.241%
81	9.091	9.085	9.098	VV	34	221	0.07%	0.040%
82	9.172	9.098	9.211	VV	42	1882	0.59%	0.343%
83	9.227	9.211	9.252	VV	28	433	0.14%	0.079%
84	9.291	9.252	9.305	VV	29	518	0.16%	0.094%
85	9.316	9.305	9.342	VV	23	336	0.11%	0.061%
86	9.365	9.342	9.380	PV	24	316	0.10%	0.057%
87	9.392	9.380	9.419	VV	42	566	0.18%	0.103%
88	9.455	9.419	9.492	VV	48	1055	0.33%	0.192%
89	9.502	9.492	9.511	PV	30	151	0.05%	0.027%
90	9.532	9.511	9.556	VV	18	357	0.11%	0.065%
91	9.584	9.556	9.630	VV	26	732	0.23%	0.133%
92	9.649	9.630	9.677	VV	19	414	0.13%	0.075%
93	9.687	9.677	9.695	VV	22	167	0.05%	0.030%
94	9.731	9.695	9.744	VV	26	501	0.16%	0.091%
95	9.788	9.744	9.797	VV	35	816	0.26%	0.148%
96	9.811	9.797	9.843	VV	37	672	0.21%	0.122%
97	9.851	9.843	9.862	VV	22	230	0.07%	0.042%
98	9.867	9.862	9.883	VV	27	260	0.08%	0.047%
99	9.902	9.883	9.920	VV	27	479	0.15%	0.087%
100	9.932	9.920	9.959	VV	39	636	0.20%	0.116%
101	9.966	9.959	9.986	VV	18	235	0.07%	0.043%

102	9.995	9.986	10.014	VV	22	245	0.08%	0.045%
103	10.023	10.014	10.034	PV	19	164	0.05%	0.030%
104	10.098	10.034	10.111	VV	30	944	0.30%	0.172%
105	10.134	10.111	10.189	VV	34	957	0.30%	0.174%
106	10.211	10.189	10.220	VV	23	307	0.10%	0.056%
107	10.288	10.220	10.297	VV	57	1487	0.47%	0.271%
108	10.345	10.297	10.356	VV	76	2198	0.69%	0.400%
109	10.402	10.356	10.427	VV	98	3315	1.04%	0.603%
110	10.434	10.427	10.464	VV	82	1374	0.43%	0.250%
111	10.473	10.464	10.519	VV	56	1525	0.48%	0.278%
112	10.529	10.519	10.548	VV	41	522	0.16%	0.095%
113	10.624	10.548	10.712	VV	122	6678	2.09%	1.215%
114	10.719	10.712	10.734	VV	28	259	0.08%	0.047%
115	10.747	10.734	10.769	VV	29	466	0.15%	0.085%
116	10.781	10.769	10.806	VV	36	603	0.19%	0.110%
117	10.822	10.806	10.853	VV	50	621	0.19%	0.113%
118	10.873	10.853	10.898	VV	32	554	0.17%	0.101%
119	10.906	10.898	10.925	VV	25	259	0.08%	0.047%
120	10.943	10.925	10.958	VV	25	284	0.09%	0.052%
121	10.977	10.958	10.994	VV	30	437	0.14%	0.080%
122	11.012	10.994	11.088	VV	25	1053	0.33%	0.192%
123	11.098	11.088	11.109	VV	26	231	0.07%	0.042%
124	11.118	11.109	11.128	VV	17	159	0.05%	0.029%
125	11.136	11.128	11.156	VV	20	237	0.07%	0.043%
126	11.226	11.156	11.255	VV	23	764	0.24%	0.139%
127	11.284	11.255	11.302	VV	18	419	0.13%	0.076%
128	11.367	11.302	11.401	VV	24	974	0.30%	0.177%
129	11.428	11.401	11.473	VV	34	1010	0.32%	0.184%
130	11.500	11.473	11.518	VV	42	719	0.23%	0.131%
131	11.540	11.518	11.557	VV	37	533	0.17%	0.097%
132	11.572	11.557	11.586	VV	35	375	0.12%	0.068%
133	11.613	11.586	11.675	VV	22	853	0.27%	0.155%
134	11.703	11.675	11.721	PV	20	362	0.11%	0.066%
135	11.777	11.721	11.807	VV	34	1089	0.34%	0.198%
136	11.880	11.807	11.941	VV	36	1788	0.56%	0.325%
137	11.948	11.941	11.977	VV	27	367	0.11%	0.067%
138	11.991	11.977	12.008	VV	27	301	0.09%	0.055%
139	12.033	12.008	12.055	PV	27	371	0.12%	0.067%
140	12.093	12.055	12.125	VV	32	664	0.21%	0.121%

141	12.165	12.125	12.183	VV	19	551	0.17%	0.100%
142	12.204	12.183	12.250	VV	17	545	0.17%	0.099%
143	12.304	12.250	12.322	VV	19	495	0.16%	0.090%
144	12.342	12.322	12.369	VV	24	379	0.12%	0.069%
145	12.383	12.369	12.406	VV	19	310	0.10%	0.057%
146	12.419	12.406	12.477	VV	19	654	0.20%	0.119%
147	12.501	12.477	12.550	VV	21	573	0.18%	0.104%
148	12.575	12.550	12.615	VV	20	443	0.14%	0.081%
149	12.636	12.615	12.676	VV	17	368	0.12%	0.067%
150	12.746	12.676	12.760	VV	51	1326	0.41%	0.241%
151	12.773	12.760	12.793	VV	41	688	0.22%	0.125%
152	12.891	12.793	12.979	VV	72	4650	1.46%	0.846%
153	12.986	12.979	13.015	VV	39	565	0.18%	0.103%
154	13.068	13.015	13.129	VV	75	3354	1.05%	0.610%
155	13.196	13.129	13.308	VV	132	7082	2.22%	1.289%
156	13.341	13.308	13.361	VV	26	559	0.18%	0.102%
157	13.422	13.361	13.435	PV	19	557	0.17%	0.101%
158	13.467	13.435	13.479	VV	27	494	0.15%	0.090%
159	13.520	13.479	13.534	VV	31	726	0.23%	0.132%
160	13.549	13.534	13.569	VV	27	490	0.15%	0.089%
161	13.579	13.569	13.649	VV	24	927	0.29%	0.169%
162	13.690	13.649	13.708	VV	25	472	0.15%	0.086%
163	13.782	13.708	13.796	PV	27	803	0.25%	0.146%
164	13.927	13.796	14.017	VV	131	9182	2.87%	1.671%
165	14.124	14.017	14.312	VV	153	13343	4.18%	2.428%
166	14.368	14.312	14.400	VV	24	717	0.22%	0.131%
167	14.433	14.400	14.457	VV	21	566	0.18%	0.103%
168	14.471	14.457	14.494	VV	23	391	0.12%	0.071%
169	14.514	14.494	14.532	VV	19	354	0.11%	0.064%
170	14.588	14.532	14.624	PV	21	663	0.21%	0.121%
171	14.719	14.624	14.754	VV	18	655	0.20%	0.119%
172	14.791	14.754	14.864	VV	27	633	0.20%	0.115%
173	14.922	14.864	14.963	PV	22	683	0.21%	0.124%
174	15.067	14.963	15.147	VV	81	4167	1.30%	0.758%
175	15.159	15.147	15.190	VV	33	463	0.14%	0.084%
176	15.244	15.190	15.289	VV	26	825	0.26%	0.150%
177	15.399	15.289	15.494	VV	68	4015	1.26%	0.731%
178	15.519	15.494	15.573	VV	32	1306	0.41%	0.238%
179	15.589	15.573	15.606	VV	20	325	0.10%	0.059%
180	15.709	15.606	15.729	VV	39	1843	0.58%	0.335%

181	15.748	15.729	15.776	VV	51	1147	0.36%	0.209%
182	15.787	15.776	15.808	VV	43	683	0.21%	0.124%
183	15.825	15.808	15.862	VV	37	893	0.28%	0.163%
184	15.931	15.862	15.964	VV	38	1291	0.40%	0.235%
185	15.977	15.964	16.044	VV	27	642	0.20%	0.117%
186	16.061	16.044	16.077	VV	18	175	0.05%	0.032%
187	16.200	16.077	16.280	VV	259	12110	3.79%	2.204%
188	16.292	16.280	16.325	VV	40	758	0.24%	0.138%
189	16.413	16.325	16.430	VV	30	1531	0.48%	0.279%
190	16.447	16.430	16.461	VV	58	646	0.20%	0.118%
191	16.479	16.461	16.556	VV	34	1487	0.47%	0.271%
192	16.587	16.556	16.602	VV	19	275	0.09%	0.050%
193	16.633	16.602	16.676	PV	30	580	0.18%	0.106%
194	16.759	16.676	16.781	VV	27	782	0.24%	0.142%
195	16.856	16.781	16.910	VV	43	1626	0.51%	0.296%
196	16.928	16.910	16.962	VV	12	303	0.09%	0.055%
197	17.018	16.962	17.098	PV	22	818	0.26%	0.149%
Sum of corrected areas:						549505		

FB062325.M Fri Jul 04 02:45:31 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-57	SDG No.:	Q2484
Lab Sample ID:	Q2484-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86
Sample Wt/Vol:	3.5	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
FB032002.D	1	07/03/25 13:10	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	15.0	J	14.0	75.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.2		50 - 150	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_B\Data\FB070325\
Data File : FB032002.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 13:10
Operator : YP/AJ
Sample : Q2484-02
Misc : 3.50G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.800	249391	16.165 ng/ml
Target Compounds			

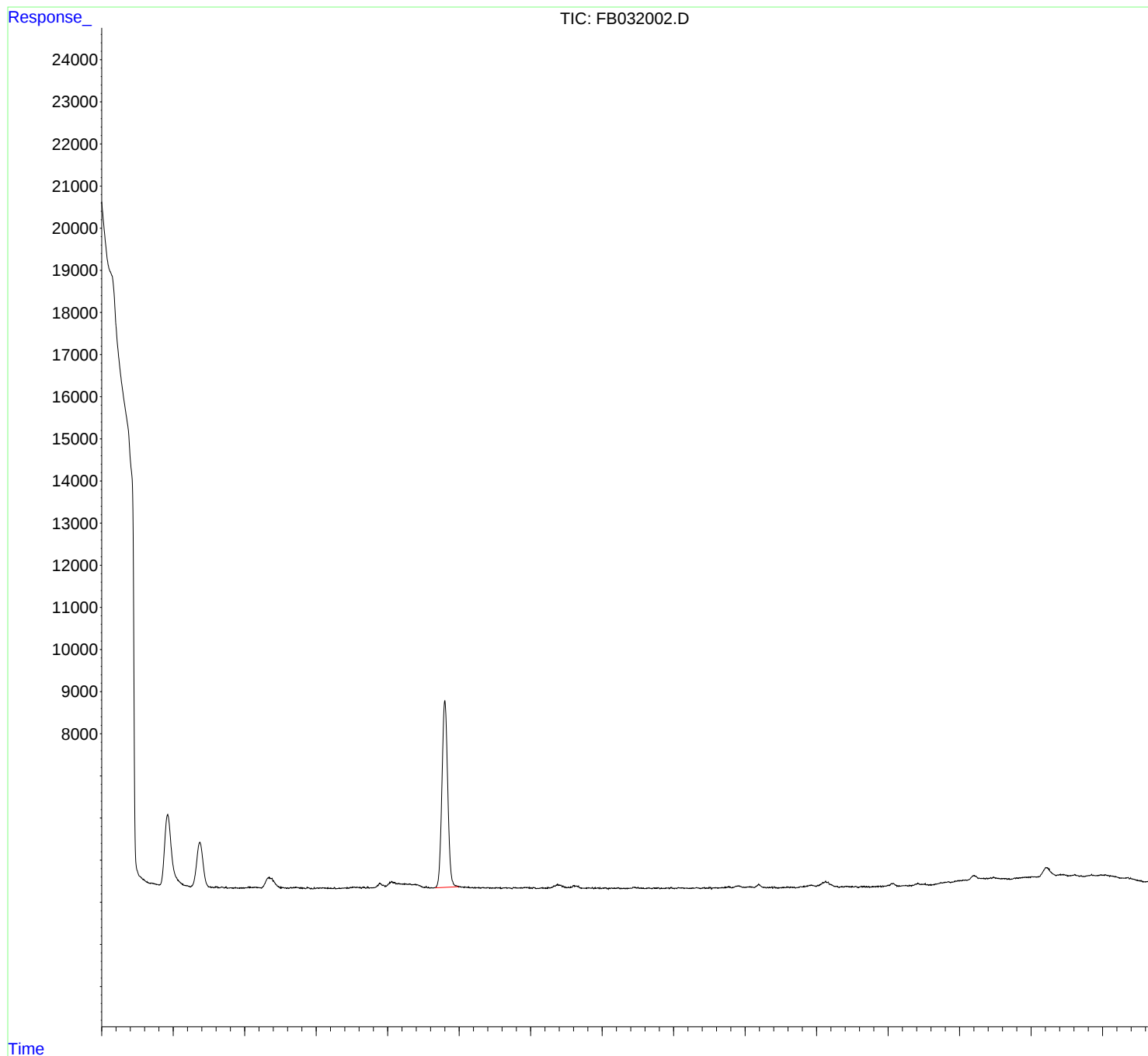
(f)=RT Delta > 1/2 Window

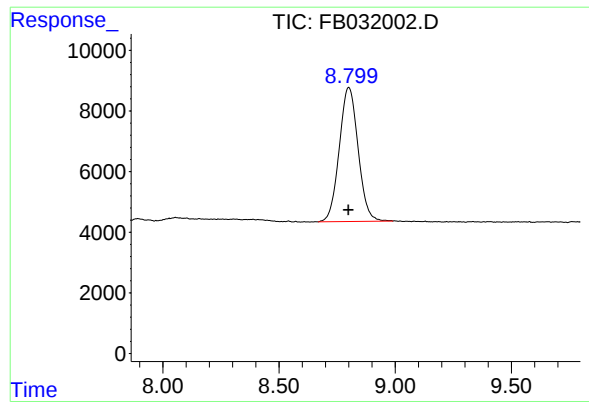
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032002.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 13:10
Operator : YP/AJ
Sample : Q2484-02
Misc : 3.50G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.800 min

Delta R.T.: 0.003 min

Response: 249391

Conc: 16.16 ng/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032002.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 13:10

Sample : Q2484-02

Misc : 3.50G/5.00 ML DI WATER

ALS Vial : 2 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.691	4.637	4.805	BV	7	240	0.09%	0.047%
2	5.197	5.187	5.218	VV	28	394	0.15%	0.077%
3	5.227	5.218	5.246	VV	17	127	0.05%	0.025%
4	5.522	5.514	5.533	VV	33	237	0.09%	0.046%
5	5.549	5.533	5.573	PV	22	311	0.12%	0.061%
6	5.616	5.573	5.631	VV	35	800	0.31%	0.156%
7	5.636	5.631	5.656	VV	17	151	0.06%	0.030%
8	5.683	5.656	5.715	VV	31	707	0.27%	0.138%
9	5.743	5.715	5.762	VV	39	471	0.18%	0.092%
10	5.778	5.762	5.787	PV	10	101	0.04%	0.020%
11	5.805	5.787	5.818	VV	15	225	0.09%	0.044%
12	5.823	5.818	5.843	VV	15	131	0.05%	0.026%
13	5.871	5.843	5.909	PV	25	464	0.18%	0.091%
14	5.954	5.909	5.964	VV	18	314	0.12%	0.061%
15	5.979	5.964	5.996	VV	16	242	0.09%	0.047%
16	6.052	5.996	6.065	VV	44	868	0.33%	0.170%
17	6.073	6.065	6.099	VV	45	580	0.22%	0.113%
18	6.106	6.099	6.113	VV	29	210	0.08%	0.041%
19	6.144	6.113	6.151	VV	35	628	0.24%	0.123%
20	6.159	6.151	6.190	VV	32	610	0.24%	0.119%
21	6.198	6.190	6.207	VV	28	236	0.09%	0.046%
22	6.214	6.207	6.238	VV	23	328	0.13%	0.064%
23	6.343	6.238	6.398	VV	276	17058	6.58%	3.335%

24	6.404	6.398	6.509	VV	188	5898	2.27%	1.153%
25	6.537	6.509	6.561	VV	31	754	0.29%	0.147%
26	6.572	6.561	6.586	VV	26	261	0.10%	0.051%
27	6.600	6.586	6.625	VV	23	364	0.14%	0.071%
28	6.649	6.625	6.664	VV	35	543	0.21%	0.106%
29	6.688	6.664	6.697	VV	32	541	0.21%	0.106%
30	6.707	6.697	6.726	VV	37	549	0.21%	0.107%
31	6.732	6.726	6.744	VV	39	359	0.14%	0.070%
32	6.752	6.744	6.769	VV	29	373	0.14%	0.073%
33	6.779	6.769	6.788	VV	35	246	0.09%	0.048%
34	6.805	6.788	6.813	VV	34	321	0.12%	0.063%
35	6.827	6.813	6.853	VV	25	358	0.14%	0.070%
36	6.875	6.853	6.891	VV	44	546	0.21%	0.107%
37	6.899	6.891	6.922	VV	29	331	0.13%	0.065%
38	6.932	6.922	6.959	PV	20	157	0.06%	0.031%
39	6.975	6.959	6.986	PV	38	271	0.10%	0.053%
40	7.013	6.986	7.022	VV	27	391	0.15%	0.077%
41	7.029	7.022	7.042	VV	30	232	0.09%	0.045%
42	7.054	7.042	7.070	VV	30	375	0.14%	0.073%
43	7.091	7.070	7.100	VV	31	425	0.16%	0.083%
44	7.109	7.100	7.144	VV	27	568	0.22%	0.111%
45	7.166	7.144	7.184	VV	34	458	0.18%	0.089%
46	7.209	7.184	7.220	VV	25	337	0.13%	0.066%
47	7.255	7.220	7.276	VV	39	515	0.20%	0.101%
48	7.363	7.276	7.375	VV	23	768	0.30%	0.150%
49	7.438	7.375	7.457	VV	31	1081	0.42%	0.211%
50	7.530	7.457	7.557	VV	48	2107	0.81%	0.412%
51	7.573	7.557	7.634	VV	43	1531	0.59%	0.299%
52	7.659	7.634	7.696	VV	37	1203	0.46%	0.235%
53	7.720	7.696	7.747	VV	54	997	0.38%	0.195%
54	7.769	7.747	7.783	VV	31	579	0.22%	0.113%
55	7.892	7.783	7.964	VV	137	8146	3.14%	1.593%
56	8.055	7.964	8.147	VV	176	13884	5.35%	2.715%
57	8.157	8.147	8.283	VV	137	9620	3.71%	1.881%
58	8.305	8.283	8.342	VV	121	3884	1.50%	0.760%
59	8.387	8.342	8.517	VV	111	8521	3.28%	1.666%
60	8.542	8.517	8.560	VV	60	1040	0.40%	0.203%
61	8.572	8.560	8.594	VV	46	603	0.23%	0.118%
62	8.610	8.594	8.633	VV	34	619	0.24%	0.121%

63	8.800	8.633	9.038	VV	4467	259403	100.00%	50.719%
64	9.050	9.038	9.116	VV	48	2003	0.77%	0.392%
65	9.129	9.116	9.159	VV	52	930	0.36%	0.182%
66	9.188	9.159	9.208	VV	38	872	0.34%	0.171%
67	9.221	9.208	9.304	VV	39	1616	0.62%	0.316%
68	9.334	9.304	9.372	VV	40	1154	0.44%	0.226%
69	9.403	9.372	9.433	VV	33	1020	0.39%	0.199%
70	9.444	9.433	9.487	VV	24	749	0.29%	0.146%
71	9.527	9.487	9.542	VV	31	840	0.32%	0.164%
72	9.556	9.542	9.600	VV	30	808	0.31%	0.158%
73	9.656	9.600	9.673	VV	32	1109	0.43%	0.217%
74	9.691	9.673	9.742	VV	29	865	0.33%	0.169%
75	9.763	9.742	9.859	VV	33	1769	0.68%	0.346%
76	9.868	9.859	9.890	VV	25	458	0.18%	0.089%
77	9.927	9.890	9.951	VV	37	1158	0.45%	0.226%
78	9.961	9.951	10.023	VV	39	1162	0.45%	0.227%
79	10.049	10.023	10.084	VV	35	847	0.33%	0.166%
80	10.173	10.084	10.240	VV	35	1798	0.69%	0.352%
81	10.252	10.240	10.270	VV	41	530	0.20%	0.104%
82	10.377	10.270	10.510	VV	105	9257	3.57%	1.810%
83	10.604	10.510	10.759	VV	76	6559	2.53%	1.282%
84	10.828	10.759	10.847	VV	27	1112	0.43%	0.217%
85	10.864	10.847	10.882	VV	37	449	0.17%	0.088%
86	10.900	10.882	10.918	VV	26	404	0.16%	0.079%
87	10.945	10.918	10.997	VV	30	900	0.35%	0.176%
88	11.011	10.997	11.031	VV	23	389	0.15%	0.076%
89	11.042	11.031	11.114	VV	33	891	0.34%	0.174%
90	11.134	11.114	11.156	VV	26	459	0.18%	0.090%
91	11.168	11.156	11.192	VV	23	384	0.15%	0.075%
92	11.230	11.192	11.251	VV	27	718	0.28%	0.140%
93	11.264	11.251	11.284	VV	21	259	0.10%	0.051%
94	11.295	11.284	11.326	VV	20	336	0.13%	0.066%
95	11.453	11.326	11.530	VV	44	2851	1.10%	0.558%
96	11.545	11.530	11.601	VV	27	737	0.28%	0.144%
97	11.652	11.601	11.703	VV	22	1059	0.41%	0.207%
98	11.721	11.703	11.777	VV	29	882	0.34%	0.172%
99	11.790	11.777	11.816	VV	34	453	0.17%	0.089%
100	11.830	11.816	11.876	VV	21	576	0.22%	0.113%
101	11.928	11.876	11.941	VV	30	795	0.31%	0.155%

102	11.963	11.941	12.012	VV	30	874	0.34%	0.171%
103	12.025	12.012	12.047	VV	21	352	0.14%	0.069%
104	12.068	12.047	12.111	VV	37	994	0.38%	0.194%
105	12.120	12.111	12.172	VV	31	811	0.31%	0.159%
106	12.180	12.172	12.255	VV	25	856	0.33%	0.167%
107	12.270	12.255	12.292	VV	24	457	0.18%	0.089%
108	12.325	12.292	12.380	VV	34	1228	0.47%	0.240%
109	12.430	12.380	12.489	VV	38	1379	0.53%	0.270%
110	12.518	12.489	12.532	VV	40	628	0.24%	0.123%
111	12.596	12.532	12.631	PV	33	1450	0.56%	0.284%
112	12.686	12.631	12.702	VV	33	1142	0.44%	0.223%
113	12.771	12.702	12.820	VV	59	2520	0.97%	0.493%
114	12.903	12.820	13.012	VV	71	5329	2.05%	1.042%
115	13.070	13.012	13.129	VV	52	2577	0.99%	0.504%
116	13.191	13.129	13.295	VV	104	4962	1.91%	0.970%
117	13.311	13.295	13.331	VV	27	468	0.18%	0.092%
118	13.375	13.331	13.389	VV	34	771	0.30%	0.151%
119	13.408	13.389	13.475	VV	42	812	0.31%	0.159%
120	13.552	13.475	13.572	VV	22	963	0.37%	0.188%
121	13.587	13.572	13.672	VV	39	1325	0.51%	0.259%
122	13.686	13.672	13.707	VV	26	328	0.13%	0.064%
123	13.778	13.707	13.800	VV	37	1219	0.47%	0.238%
124	13.822	13.800	13.836	VV	47	728	0.28%	0.142%
125	13.925	13.836	13.991	VV	69	4863	1.87%	0.951%
126	14.126	13.991	14.156	VV	151	9666	3.73%	1.890%
127	14.161	14.156	14.318	VV	130	5422	2.09%	1.060%
128	14.357	14.318	14.371	VV	36	665	0.26%	0.130%
129	14.407	14.371	14.488	VV	36	1660	0.64%	0.325%
130	14.501	14.488	14.524	VV	28	462	0.18%	0.090%
131	14.546	14.524	14.583	VV	31	647	0.25%	0.127%
132	14.626	14.583	14.652	PV	33	625	0.24%	0.122%
133	14.663	14.652	14.683	VV	26	341	0.13%	0.067%
134	14.698	14.683	14.721	VV	13	280	0.11%	0.055%
135	14.732	14.721	14.746	VV	24	166	0.06%	0.032%
136	14.783	14.746	14.808	VV	16	347	0.13%	0.068%
137	14.892	14.808	14.913	VV	25	833	0.32%	0.163%
138	15.073	14.913	15.181	VV	79	5224	2.01%	1.021%
139	15.248	15.181	15.281	VV	24	915	0.35%	0.179%
140	15.418	15.281	15.460	PV	59	3021	1.16%	0.591%

141	15.520	15.460	15.537	VV	41	1295	0.50%	0.253%
142	15.550	15.537	15.611	VV	22	352	0.14%	0.069%
143	15.742	15.611	15.765	PV	42	1832	0.71%	0.358%
144	15.843	15.765	15.873	VV	56	2648	1.02%	0.518%
145	15.982	15.873	16.029	VV	65	4429	1.71%	0.866%
146	16.052	16.029	16.066	VV	66	1308	0.50%	0.256%
147	16.083	16.066	16.102	VV	63	1266	0.49%	0.248%
148	16.203	16.102	16.369	VV	157	14868	5.73%	2.907%
149	16.381	16.369	16.394	VV	76	991	0.38%	0.194%
150	16.478	16.394	16.572	VV	84	6254	2.41%	1.223%
151	16.586	16.572	16.613	VV	32	790	0.30%	0.155%
152	16.622	16.613	16.700	VV	36	1115	0.43%	0.218%
153	16.802	16.700	16.814	PV	19	841	0.32%	0.164%
154	17.013	16.814	17.031	VV	22	2141	0.83%	0.419%
155	17.050	17.031	17.079	VV	13	255	0.10%	0.050%

Sum of corrected areas: 511447

FB062325.M Fri Jul 04 02:46:00 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-64	SDG No.:	Q2484
Lab Sample ID:	Q2484-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.4
Sample Wt/Vol:	3.7	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032003.D	1	07/03/25 13:37	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	13.0	U	13.0	69.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	14.8		50 - 150	74%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032003.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 13:37
Operator : YP/AJ
Sample : Q2484-03
Misc : 3.70G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.800	228934	14.839 ng/mlm
Target Compounds			

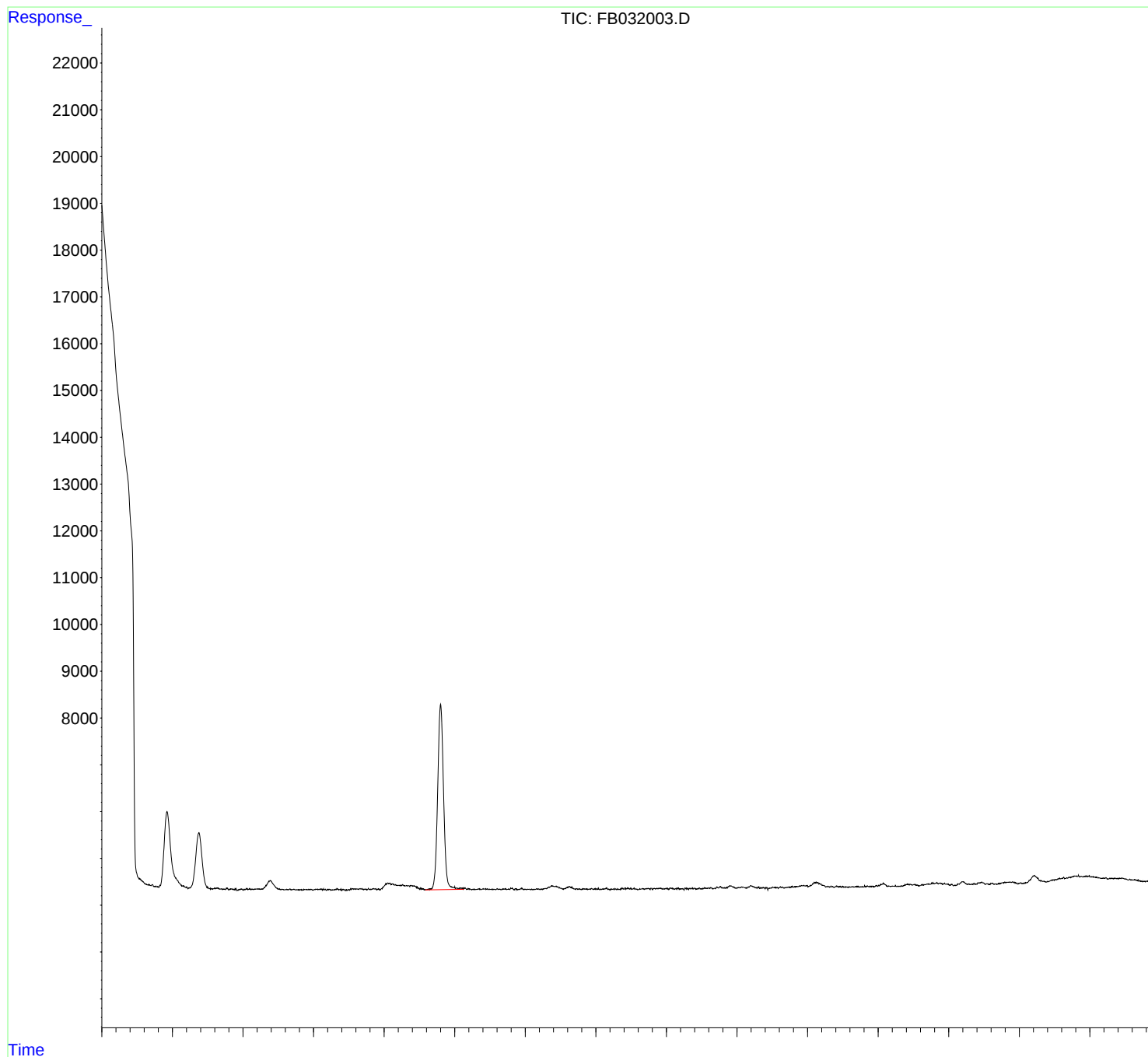
(f)=RT Delta > 1/2 Window

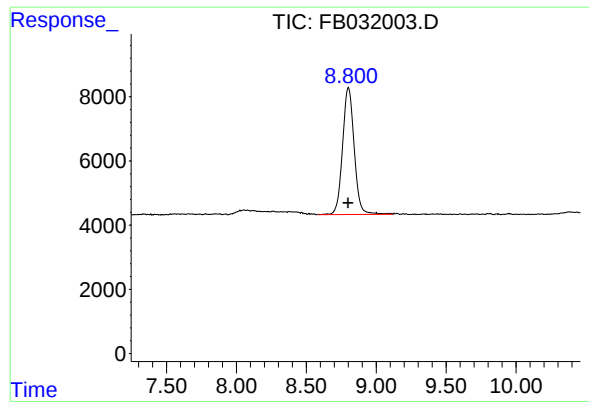
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032003.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 13:37
Operator : YP/AJ
Sample : Q2484-03
Misc : 3.70G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.800 min
Delta R.T.: 0.002 min
Response: 228934
Conc: 14.84 ng/ml m

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032003.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 13:37

Sample : Q2484-03

Misc : 3.70G/5.00 ML DI WATER

ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.659	4.621	4.668	BV	18	126	0.06%	0.027%
2	4.676	4.668	4.698	PV	23	181	0.08%	0.039%
3	4.718	4.698	4.755	VV	36	494	0.22%	0.106%
4	4.766	4.755	4.787	PV	18	206	0.09%	0.044%
5	4.795	4.787	4.809	VV	21	152	0.07%	0.033%
6	5.156	5.149	5.194	VV	61	1090	0.47%	0.234%
7	5.204	5.194	5.222	VV	39	365	0.16%	0.078%
8	5.241	5.222	5.249	PV	22	250	0.11%	0.054%
9	5.554	5.542	5.571	VV	21	278	0.12%	0.060%
10	5.598	5.571	5.620	VV	37	703	0.31%	0.151%
11	5.636	5.620	5.645	VV	44	521	0.23%	0.112%
12	5.652	5.645	5.688	VV	44	621	0.27%	0.133%
13	5.699	5.688	5.714	VV	27	327	0.14%	0.070%
14	5.728	5.714	5.752	VV	23	378	0.16%	0.081%
15	5.781	5.752	5.796	VV	48	814	0.35%	0.174%
16	5.807	5.796	5.814	VV	23	172	0.07%	0.037%
17	5.836	5.814	5.863	VV	34	758	0.33%	0.162%
18	5.871	5.863	5.878	VV	24	172	0.07%	0.037%
19	5.902	5.878	5.917	VV	46	595	0.26%	0.127%
20	5.975	5.917	6.001	PV	32	1019	0.44%	0.218%
21	6.024	6.001	6.032	VV	24	336	0.15%	0.072%
22	6.048	6.032	6.082	VV	42	871	0.38%	0.187%
23	6.103	6.082	6.115	VV	38	584	0.25%	0.125%

24	6.142	6.115	6.150	VV	32	531	0.23%	0.114%
25	6.193	6.150	6.205	VV	34	944	0.41%	0.202%
26	6.213	6.205	6.246	VV	38	800	0.35%	0.171%
27	6.266	6.246	6.274	VV	35	503	0.22%	0.108%
28	6.386	6.274	6.514	VV	213	15841	6.90%	3.395%
29	6.521	6.514	6.540	VV	36	360	0.16%	0.077%
30	6.550	6.540	6.582	VV	28	532	0.23%	0.114%
31	6.620	6.582	6.646	VV	24	697	0.30%	0.149%
32	6.666	6.646	6.686	VV	34	542	0.24%	0.116%
33	6.692	6.686	6.698	VV	19	119	0.05%	0.025%
34	6.720	6.698	6.744	VV	28	556	0.24%	0.119%
35	6.758	6.744	6.795	VV	19	439	0.19%	0.094%
36	6.827	6.795	6.846	VV	22	435	0.19%	0.093%
37	6.902	6.846	6.918	VV	21	749	0.33%	0.161%
38	6.931	6.918	6.941	VV	27	269	0.12%	0.058%
39	6.963	6.941	6.991	VV	28	541	0.24%	0.116%
40	7.032	6.991	7.075	VV	28	986	0.43%	0.211%
41	7.106	7.075	7.116	VV	36	609	0.27%	0.130%
42	7.120	7.116	7.129	VV	27	144	0.06%	0.031%
43	7.144	7.129	7.183	VV	34	532	0.23%	0.114%
44	7.201	7.183	7.214	VV	24	275	0.12%	0.059%
45	7.228	7.214	7.259	VV	22	401	0.17%	0.086%
46	7.332	7.259	7.378	VV	39	1282	0.56%	0.275%
47	7.387	7.378	7.404	VV	33	190	0.08%	0.041%
48	7.418	7.404	7.462	VV	26	434	0.19%	0.093%
49	7.472	7.462	7.480	VV	13	85	0.04%	0.018%
50	7.527	7.480	7.535	VV	36	518	0.23%	0.111%
51	7.549	7.535	7.573	VV	37	692	0.30%	0.148%
52	7.584	7.573	7.603	VV	37	532	0.23%	0.114%
53	7.613	7.603	7.640	VV	33	611	0.27%	0.131%
54	7.661	7.640	7.674	VV	40	627	0.27%	0.134%
55	7.684	7.674	7.694	VV	39	373	0.16%	0.080%
56	7.698	7.694	7.712	VV	27	228	0.10%	0.049%
57	7.733	7.712	7.760	VV	28	623	0.27%	0.134%
58	7.779	7.760	7.816	VV	43	783	0.34%	0.168%
59	7.852	7.816	7.874	VV	38	1005	0.44%	0.215%
60	7.884	7.874	7.899	VV	38	380	0.17%	0.081%
61	7.925	7.899	7.941	VV	35	519	0.23%	0.111%
62	8.053	7.941	8.065	VV	158	6652	2.90%	1.425%

63	8.080	8.065	8.101	VV	153	3079	1.34%	0.660%
64	8.119	8.101	8.149	VV	139	3744	1.63%	0.802%
65	8.161	8.149	8.190	VV	123	2735	1.19%	0.586%
66	8.202	8.190	8.221	VV	108	1924	0.84%	0.412%
67	8.231	8.221	8.240	VV	109	1184	0.52%	0.254%
68	8.266	8.240	8.293	VV	120	3348	1.46%	0.717%
69	8.320	8.293	8.334	VV	104	2336	1.02%	0.501%
70	8.346	8.334	8.364	VV	100	1706	0.74%	0.366%
71	8.381	8.364	8.398	VV	106	2012	0.88%	0.431%
72	8.402	8.398	8.459	VV	98	3199	1.39%	0.686%
73	8.466	8.459	8.508	VV	81	1496	0.65%	0.321%
74	8.518	8.508	8.546	VV	46	714	0.31%	0.153%
75	8.555	8.546	8.584	VV	31	423	0.18%	0.091%
76	8.629	8.584	8.643	VV	27	613	0.27%	0.131%
77	8.801	8.643	8.996	VV	3975	229538	100.00%	49.190%
78	9.023	8.996	9.056	VV	50	1625	0.71%	0.348%
79	9.092	9.056	9.138	VV	52	1980	0.86%	0.424%
80	9.148	9.138	9.171	VV	49	700	0.31%	0.150%
81	9.194	9.171	9.241	VV	37	988	0.43%	0.212%
82	9.275	9.241	9.301	VV	28	586	0.26%	0.126%
83	9.340	9.301	9.376	VV	29	893	0.39%	0.191%
84	9.405	9.376	9.427	VV	31	695	0.30%	0.149%
85	9.437	9.427	9.516	VV	38	1110	0.48%	0.238%
86	9.532	9.516	9.580	VV	26	626	0.27%	0.134%
87	9.602	9.580	9.618	VV	35	460	0.20%	0.099%
88	9.632	9.618	9.658	VV	26	404	0.18%	0.087%
89	9.723	9.658	9.742	VV	32	1037	0.45%	0.222%
90	9.763	9.742	9.784	VV	27	455	0.20%	0.097%
91	9.814	9.784	9.848	VV	45	1043	0.45%	0.224%
92	9.875	9.848	9.893	VV	35	591	0.26%	0.127%
93	9.946	9.893	9.979	VV	42	1157	0.50%	0.248%
94	10.003	9.979	10.026	VV	15	412	0.18%	0.088%
95	10.056	10.026	10.076	VV	20	470	0.20%	0.101%
96	10.159	10.076	10.212	VV	30	1391	0.61%	0.298%
97	10.380	10.212	10.421	VV	91	6259	2.73%	1.341%
98	10.437	10.421	10.544	VV	86	3787	1.65%	0.811%
99	10.624	10.544	10.713	VV	75	4576	1.99%	0.981%
100	10.728	10.713	10.752	VV	31	509	0.22%	0.109%
101	10.764	10.752	10.794	VV	29	479	0.21%	0.103%

102	10.827	10.794	10.900	VV	29	1249	0.54%	0.268%
103	10.941	10.900	10.969	VV	34	869	0.38%	0.186%
104	10.989	10.969	11.025	VV	35	691	0.30%	0.148%
105	11.037	11.025	11.057	VV	33	380	0.17%	0.081%
106	11.153	11.057	11.196	VV	47	1735	0.76%	0.372%
107	11.273	11.196	11.295	VV	26	958	0.42%	0.205%
108	11.305	11.295	11.345	VV	23	411	0.18%	0.088%
109	11.383	11.345	11.399	VV	34	749	0.33%	0.161%
110	11.415	11.399	11.443	VV	44	744	0.32%	0.159%
111	11.462	11.443	11.523	VV	42	1341	0.58%	0.287%
112	11.543	11.523	11.558	VV	35	513	0.22%	0.110%
113	11.569	11.558	11.601	VV	25	379	0.17%	0.081%
114	11.659	11.601	11.696	VV	32	1078	0.47%	0.231%
115	11.743	11.696	11.771	VV	32	1133	0.49%	0.243%
116	11.784	11.771	11.820	VV	35	730	0.32%	0.157%
117	11.832	11.820	11.848	VV	33	451	0.20%	0.097%
118	11.923	11.848	11.969	VV	40	1985	0.86%	0.425%
119	12.009	11.969	12.035	VV	41	967	0.42%	0.207%
120	12.053	12.035	12.122	VV	42	1465	0.64%	0.314%
121	12.136	12.122	12.149	VV	33	396	0.17%	0.085%
122	12.167	12.149	12.211	VV	39	946	0.41%	0.203%
123	12.222	12.211	12.249	VV	26	468	0.20%	0.100%
124	12.267	12.249	12.316	PV	39	994	0.43%	0.213%
125	12.334	12.316	12.349	VV	38	483	0.21%	0.103%
126	12.367	12.349	12.380	VV	40	479	0.21%	0.103%
127	12.395	12.380	12.422	VV	35	590	0.26%	0.126%
128	12.468	12.422	12.523	VV	40	1367	0.60%	0.293%
129	12.548	12.523	12.578	VV	36	1008	0.44%	0.216%
130	12.604	12.578	12.665	VV	40	1590	0.69%	0.341%
131	12.717	12.665	12.742	VV	56	1655	0.72%	0.355%
132	12.761	12.742	12.837	VV	64	2415	1.05%	0.517%
133	12.902	12.837	12.999	VV	85	5017	2.19%	1.075%
134	13.069	12.999	13.143	VV	56	3429	1.49%	0.735%
135	13.197	13.143	13.291	VV	80	4535	1.98%	0.972%
136	13.304	13.291	13.325	VV	54	722	0.31%	0.155%
137	13.372	13.325	13.440	VV	35	1909	0.83%	0.409%
138	13.508	13.440	13.525	PV	42	1311	0.57%	0.281%
139	13.546	13.525	13.586	VV	43	1132	0.49%	0.243%
140	13.617	13.586	13.669	VV	45	1574	0.69%	0.337%

141	13.735	13.669	13.753	VV	43	1524	0.66%	0.327%
142	13.780	13.753	13.807	VV	53	1252	0.55%	0.268%
143	13.845	13.807	13.859	VV	47	1319	0.57%	0.283%
144	13.949	13.859	13.981	VV	66	4121	1.80%	0.883%
145	13.994	13.981	14.014	VV	67	1084	0.47%	0.232%
146	14.122	14.014	14.262	VV	133	12295	5.36%	2.635%
147	14.290	14.262	14.312	VV	37	935	0.41%	0.200%
148	14.334	14.312	14.382	VV	42	1088	0.47%	0.233%
149	14.413	14.382	14.439	VV	37	1015	0.44%	0.217%
150	14.455	14.439	14.485	VV	31	586	0.26%	0.126%
151	14.496	14.485	14.532	VV	32	602	0.26%	0.129%
152	14.546	14.532	14.574	VV	17	394	0.17%	0.084%
153	14.594	14.574	14.613	VV	18	355	0.15%	0.076%
154	14.641	14.613	14.665	VV	24	541	0.24%	0.116%
155	14.689	14.665	14.746	VV	23	845	0.37%	0.181%
156	14.758	14.746	14.799	VV	21	452	0.20%	0.097%
157	14.852	14.799	14.894	VV	32	1148	0.50%	0.246%
158	14.922	14.894	14.950	VV	28	603	0.26%	0.129%
159	14.978	14.950	14.993	VV	41	701	0.31%	0.150%
160	15.071	14.993	15.137	VV	81	4040	1.76%	0.866%
161	15.153	15.137	15.178	VV	24	424	0.18%	0.091%
162	15.207	15.178	15.236	VV	20	549	0.24%	0.118%
163	15.246	15.236	15.314	VV	24	610	0.27%	0.131%
164	15.331	15.314	15.353	VV	24	381	0.17%	0.082%
165	15.415	15.353	15.442	VV	54	2077	0.90%	0.445%
166	15.455	15.442	15.492	VV	51	1255	0.55%	0.269%
167	15.531	15.492	15.577	VV	47	1647	0.72%	0.353%
168	15.627	15.577	15.645	VV	43	1062	0.46%	0.228%
169	15.719	15.645	15.734	VV	56	2240	0.98%	0.480%
170	15.777	15.734	15.797	VV	70	2124	0.93%	0.455%
171	15.834	15.797	15.853	VV	76	2067	0.90%	0.443%
172	15.873	15.853	15.914	VV	64	2046	0.89%	0.438%
173	15.941	15.914	16.024	VV	61	2495	1.09%	0.535%
174	16.042	16.024	16.070	VV	32	590	0.26%	0.126%
175	16.194	16.070	16.277	PV	83	5176	2.26%	1.109%
176	16.286	16.277	16.316	VV	36	565	0.25%	0.121%
177	16.468	16.316	16.517	VV	64	4417	1.92%	0.947%
178	16.542	16.517	16.589	VV	29	802	0.35%	0.172%
179	16.619	16.589	16.647	VV	33	863	0.38%	0.185%
180	16.662	16.647	16.682	VV	14	268	0.12%	0.057%

181	16.872	16.682	16.887	VV	47	4207	1.83%	0.902%
182	16.908	16.887	16.984	VV	55	1769	0.77%	0.379%
183	17.021	16.984	17.070	PV	20	617	0.27%	0.132%
Sum of corrected areas:						466637		

FB062325.M Fri Jul 04 02:47:00 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-107	SDG No.:	Q2484
Lab Sample ID:	Q2484-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.8
Sample Wt/Vol:	6	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032021.D	50	07/08/25 17:38	FB070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	1540	J	411	2240	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.0		50 - 150	100%	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\FB070825\
Data File : FB032021.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 17:38
Operator : YP/AJ
Sample : Q2484-04 50X
Misc : 6.00G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-107

Integration File: SAMPLE.e
Quant Time: Jul 09 05:40:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	308475	19.995 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

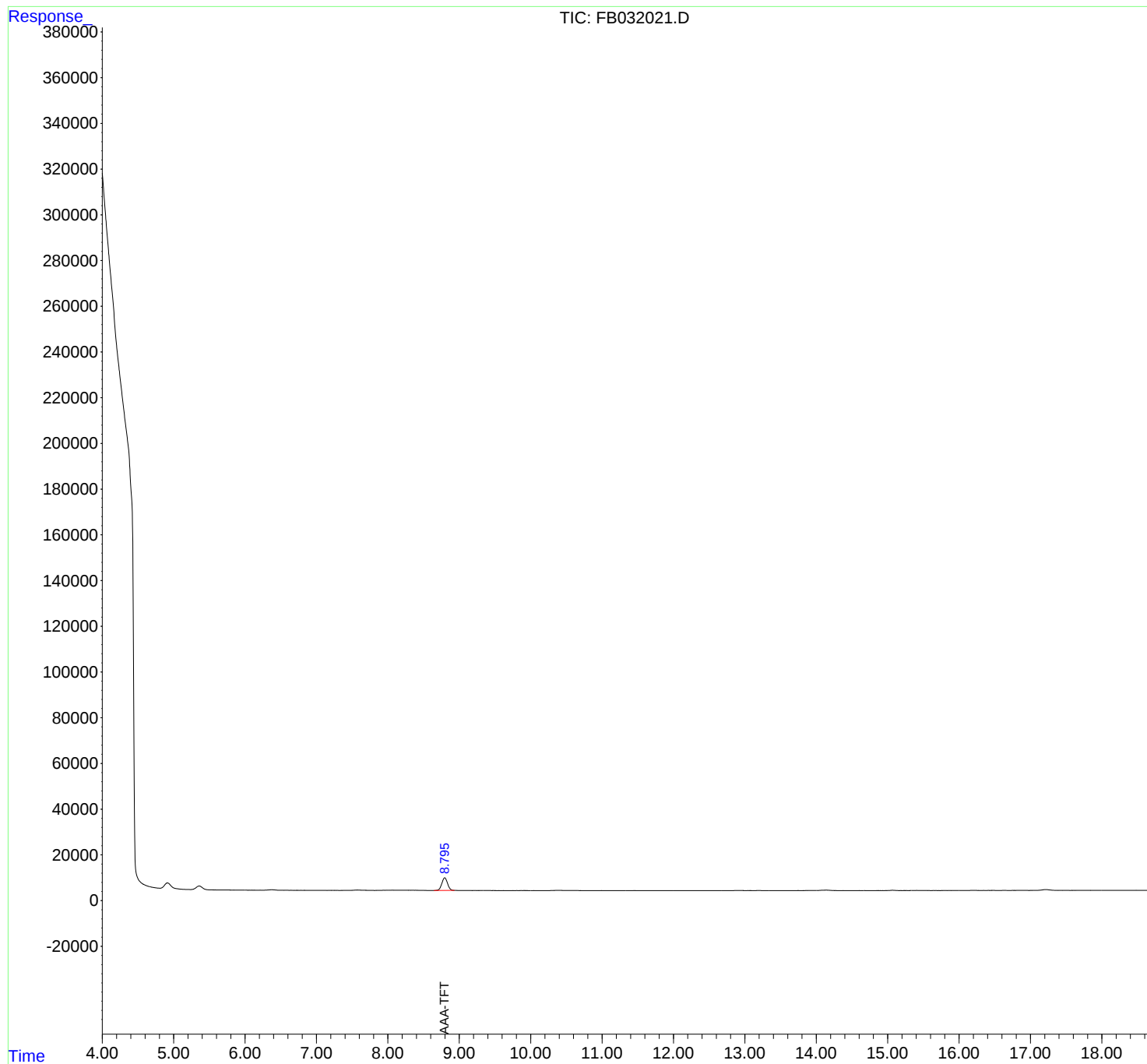
(m)=manual int.

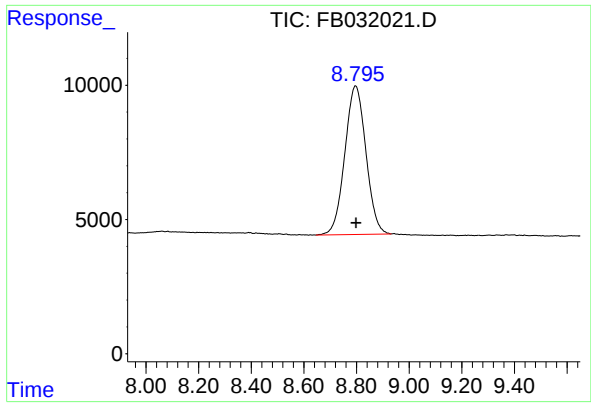
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032021.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 17:38
Operator : YP/AJ
Sample : Q2484-04 50X
Misc : 6.00G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-107

Integration File: SAMPLE.e
Quant Time: Jul 09 05:40:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: -0.001 min
Response: 308475
Conc: 19.99 ng/ml

Instrument :
FID_B
ClientSampleId :
TP-107

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
 Data File : FB032021.D
 Signal(s) : FID2B.CH
 Acq On : 8 Jul 2025 17:38
 Sample : Q2484-04 50X
 Misc : 6.00G/5.00 ML MEOH
 ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.544	5.542	5.578	VV	13	69	0.02%	0.006%
2	5.587	5.578	5.620	PV	15	175	0.06%	0.014%
3	5.640	5.620	5.751	PV	16	787	0.25%	0.064%
4	5.756	5.751	5.768	VV	18	95	0.03%	0.008%
5	5.781	5.768	5.832	PV	19	207	0.07%	0.017%
6	5.841	5.832	5.860	VV	15	152	0.05%	0.012%
7	5.868	5.860	5.878	VV	11	97	0.03%	0.008%
8	5.887	5.878	5.901	VV	15	186	0.06%	0.015%
9	5.904	5.901	5.914	VV	21	112	0.04%	0.009%
10	5.924	5.914	5.929	VV	24	170	0.05%	0.014%
11	5.936	5.929	5.947	VV	34	196	0.06%	0.016%
12	5.962	5.947	5.998	VV	24	433	0.14%	0.035%
13	6.006	5.998	6.037	VV	30	386	0.12%	0.031%
14	6.048	6.037	6.056	PV	19	114	0.04%	0.009%
15	6.066	6.056	6.079	VV	23	183	0.06%	0.015%
16	6.085	6.079	6.094	VV	25	157	0.05%	0.013%
17	6.102	6.094	6.121	VV	25	292	0.09%	0.024%
18	6.133	6.121	6.148	VV	24	310	0.10%	0.025%
19	6.181	6.148	6.204	VV	28	707	0.22%	0.058%
20	6.213	6.204	6.230	VV	37	398	0.13%	0.032%
21	6.239	6.230	6.249	VV	21	182	0.06%	0.015%
22	6.375	6.249	6.563	VV	232	17687	5.60%	1.442%
23	6.575	6.563	6.583	VV	23	197	0.06%	0.016%
24	6.600	6.583	6.617	VV	32	454	0.14%	0.037%
25	6.630	6.617	6.638	VV	28	216	0.07%	0.018%
26	6.647	6.638	6.671	VV	24	331	0.10%	0.027%
27	6.692	6.671	6.703	VV	24	263	0.08%	0.021%
28	6.723	6.703	6.735	PV	23	347	0.11%	0.028%
29	6.745	6.735	6.755	VV	29	215	0.07%	0.018%
30	6.784	6.755	6.804	VV	35	600	0.19%	0.049%
31	6.834	6.804	6.850	VV	35	605	0.19%	0.049%
32	6.891	6.850	6.907	VV	33	657	0.21%	0.054%
33	6.929	6.907	6.949	VV	26	505	0.16%	0.041%
34	6.964	6.949	7.000	VV	32	722	0.23%	0.059%
35	7.026	7.000	7.036	VV	24	408	0.13%	0.033%
36	7.046	7.036	7.052	VV	40	270	0.09%	0.022%

					rteres				
37	7.060	7.052	7.109	VV	38	818	0.26%	0.067%	
38	7.115	7.109	7.151	VV	29	363	0.11%	0.030%	
39	7.173	7.151	7.209	VV	28	621	0.20%	0.051%	
40	7.237	7.209	7.252	VV	43	570	0.18%	0.046%	
41	7.292	7.252	7.325	VV	37	798	0.25%	0.065%	
42	7.355	7.325	7.368	PV	20	353	0.11%	0.029%	
43	7.438	7.368	7.459	VV	38	1374	0.43%	0.112%	
44	7.472	7.459	7.482	VV	54	554	0.18%	0.045%	
45	7.577	7.482	7.726	VV	185	16785	5.31%	1.368%	
46	7.736	7.726	7.747	VV	59	685	0.22%	0.056%	
47	7.757	7.747	7.790	VV	54	1036	0.33%	0.084%	
48	7.799	7.790	7.821	VV	48	610	0.19%	0.050%	
49	7.939	7.821	7.959	VV	93	4395	1.39%	0.358%	
50	8.062	7.959	8.074	VV	151	7765	2.46%	0.633%	
51	8.084	8.074	8.097	VV	150	1808	0.57%	0.147%	
52	8.102	8.097	8.218	VV	129	8214	2.60%	0.670%	
53	8.224	8.218	8.241	VV	107	1429	0.45%	0.117%	
54	8.248	8.241	8.293	VV	107	3025	0.96%	0.247%	
55	8.302	8.293	8.322	VV	98	1670	0.53%	0.136%	
56	8.337	8.322	8.345	VV	97	1254	0.40%	0.102%	
57	8.392	8.345	8.412	VV	111	3698	1.17%	0.301%	
58	8.420	8.412	8.481	VV	95	2909	0.92%	0.237%	
59	8.507	8.481	8.524	VV	67	1411	0.45%	0.115%	
60	8.534	8.524	8.573	VV	55	1010	0.32%	0.082%	
61	8.584	8.573	8.593	VV	38	336	0.11%	0.027%	
62	8.599	8.593	8.645	VV	29	746	0.24%	0.061%	
63	8.797	8.645	8.933	VV	5585	316027	100.00%	25.760%	
64	8.943	8.933	9.010	VV	83	2469	0.78%	0.201%	
65	9.026	9.010	9.060	VV	38	922	0.29%	0.075%	
66	9.069	9.060	9.078	VV	29	258	0.08%	0.021%	
67	9.086	9.078	9.118	VV	28	557	0.18%	0.045%	
68	9.129	9.118	9.188	VV	30	927	0.29%	0.076%	
69	9.226	9.188	9.249	VV	30	783	0.25%	0.064%	
70	9.264	9.249	9.278	VV	25	340	0.11%	0.028%	
71	9.305	9.278	9.321	VV	35	669	0.21%	0.055%	
72	9.334	9.321	9.352	VV	43	638	0.20%	0.052%	
73	9.371	9.352	9.381	VV	49	681	0.22%	0.055%	
74	9.399	9.381	9.411	VV	46	700	0.22%	0.057%	
75	9.422	9.411	9.457	VV	37	759	0.24%	0.062%	
76	9.482	9.457	9.531	VV	30	786	0.25%	0.064%	
77	9.556	9.531	9.594	VV	20	370	0.12%	0.030%	
78	9.616	9.594	9.668	PV	22	565	0.18%	0.046%	
79	9.702	9.668	9.781	VV	24	864	0.27%	0.070%	
80	9.804	9.781	9.832	VV	39	693	0.22%	0.056%	
81	9.871	9.832	9.884	VV	38	768	0.24%	0.063%	
82	9.898	9.884	9.975	VV	31	1460	0.46%	0.119%	
83	9.991	9.975	10.026	VV	25	566	0.18%	0.046%	
84	10.048	10.026	10.101	VV	32	459	0.15%	0.037%	
85	10.157	10.101	10.187	VV	24	496	0.16%	0.040%	
86	10.216	10.187	10.234	VV	22	348	0.11%	0.028%	
87	10.401	10.234	10.492	VV	111	10387	3.29%	0.847%	
88	10.516	10.492	10.566	VV	69	2517	0.80%	0.205%	
89	10.634	10.566	10.746	VV	66	4611	1.46%	0.376%	

					rteres			
90	10.787	10.746	10.814	VV	34	847	0.27%	0.069%
91	10.828	10.814	10.847	VV	27	459	0.15%	0.037%
92	10.860	10.847	10.880	VV	30	380	0.12%	0.031%
93	10.899	10.880	10.919	VV	23	391	0.12%	0.032%
94	10.945	10.919	10.978	VV	34	743	0.24%	0.061%
95	10.993	10.978	11.039	VV	43	616	0.19%	0.050%
96	11.169	11.039	11.185	PV	25	1265	0.40%	0.103%
97	11.195	11.185	11.212	VV	24	218	0.07%	0.018%
98	11.227	11.212	11.248	VV	14	294	0.09%	0.024%
99	11.261	11.248	11.293	VV	26	433	0.14%	0.035%
100	11.446	11.293	11.548	VV	53	3759	1.19%	0.306%
101	11.570	11.548	11.606	VV	25	697	0.22%	0.057%
102	11.639	11.606	11.659	VV	41	684	0.22%	0.056%
103	11.706	11.659	11.732	VV	30	844	0.27%	0.069%
104	11.746	11.732	11.771	VV	23	418	0.13%	0.034%
105	11.790	11.771	11.823	VV	28	731	0.23%	0.060%
106	11.851	11.823	11.874	VV	26	773	0.24%	0.063%
107	11.917	11.874	11.997	VV	48	2216	0.70%	0.181%
108	12.022	11.997	12.111	PV	37	1644	0.52%	0.134%
109	12.130	12.111	12.178	VV	53	1500	0.47%	0.122%
110	12.250	12.178	12.292	VV	56	2757	0.87%	0.225%
111	12.313	12.292	12.415	VV	67	4284	1.36%	0.349%
112	12.461	12.415	12.481	VV	68	2352	0.74%	0.192%
113	12.504	12.481	12.564	VV	82	3403	1.08%	0.277%
114	12.595	12.564	12.634	VV	80	2989	0.95%	0.244%
115	12.656	12.634	12.676	VV	87	1921	0.61%	0.157%
116	12.786	12.676	12.804	VV	114	7307	2.31%	0.596%
117	12.888	12.804	12.934	VV	166	10976	3.47%	0.895%
118	12.959	12.934	13.017	VV	153	6832	2.16%	0.557%
119	13.046	13.017	13.110	VV	150	7474	2.37%	0.609%
120	13.191	13.110	13.298	VV	185	17216	5.45%	1.403%
121	13.342	13.298	13.358	VV	158	5155	1.63%	0.420%
122	13.383	13.358	13.459	VV	163	9111	2.88%	0.743%
123	13.503	13.459	13.516	VV	159	5186	1.64%	0.423%
124	13.547	13.516	13.602	VV	179	8563	2.71%	0.698%
125	13.615	13.602	13.628	VV	173	2626	0.83%	0.214%
126	13.644	13.628	13.689	VV	174	6287	1.99%	0.512%
127	13.746	13.689	13.761	VV	202	8051	2.55%	0.656%
128	13.791	13.761	13.805	VV	204	5254	1.66%	0.428%
129	13.921	13.805	13.981	VV	249	23864	7.55%	1.945%
130	14.144	13.981	14.301	VV	414	59673	18.88%	4.864%
131	14.309	14.301	14.335	VV	248	4774	1.51%	0.389%
132	14.349	14.335	14.365	VV	245	4442	1.41%	0.362%
133	14.377	14.365	14.540	VV	259	26700	8.45%	2.176%
134	14.566	14.540	14.581	VV	261	6257	1.98%	0.510%
135	14.602	14.581	14.645	VV	279	10260	3.25%	0.836%
136	14.675	14.645	14.699	VV	282	8825	2.79%	0.719%
137	14.790	14.699	14.806	VV	285	17564	5.56%	1.432%
138	14.849	14.806	14.886	VV	301	13848	4.38%	1.129%
139	14.900	14.886	14.948	VV	303	11071	3.50%	0.902%
140	15.072	14.948	15.173	VV	427	47008	14.87%	3.832%
141	15.185	15.173	15.217	VV	331	8664	2.74%	0.706%

						rteres		
142	15.232	15.217	15.246	VV	339	5715	1.81%	0.466%
143	15.266	15.246	15.299	VV	347	10813	3.42%	0.881%
144	15.409	15.299	15.432	VV	401	28884	9.14%	2.354%
145	15.448	15.432	15.484	VV	394	11950	3.78%	0.974%
146	15.513	15.484	15.609	VV	388	28083	8.89%	2.289%
147	15.644	15.609	15.662	VV	380	11570	3.66%	0.943%
148	15.683	15.662	15.735	VV	414	16334	5.17%	1.331%
149	15.796	15.735	15.835	VV	395	23237	7.35%	1.894%
150	15.850	15.835	15.865	VV	395	7083	2.24%	0.577%
151	15.873	15.865	15.889	VV	403	5719	1.81%	0.466%
152	15.952	15.889	15.973	VV	424	20702	6.55%	1.687%
153	15.997	15.973	16.021	VV	427	12141	3.84%	0.990%
154	16.028	16.021	16.044	VV	427	5746	1.82%	0.468%
155	16.061	16.044	16.099	VV	431	13823	4.37%	1.127%
156	16.208	16.099	16.326	VV	509	63432	20.07%	5.170%
157	16.345	16.326	16.380	VV	482	14911	4.72%	1.215%
158	16.412	16.380	16.436	VV	490	15817	5.00%	1.289%
159	16.484	16.436	16.549	VV	499	32797	10.38%	2.673%
160	16.625	16.549	16.709	VV	514	47567	15.05%	3.877%
161	16.756	16.709	16.801	VBA	516	27154	8.59%	2.213%
				Sum of corrected areas:		1226831		

FB062325.M Wed Jul 09 06:29:12 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-106	SDG No.:	Q2484
Lab Sample ID:	Q2484-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.9
Sample Wt/Vol:	4.85	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032005.D	1	07/03/25 14:32	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	10.0	U	10.0	53.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.1		50 - 150	96%	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\FB070325\
Data File : FB032005.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 14:32
Operator : YP/AJ
Sample : Q2484-05
Misc : 4.85G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.802	294896	19.115 ng/ml
Target Compounds			

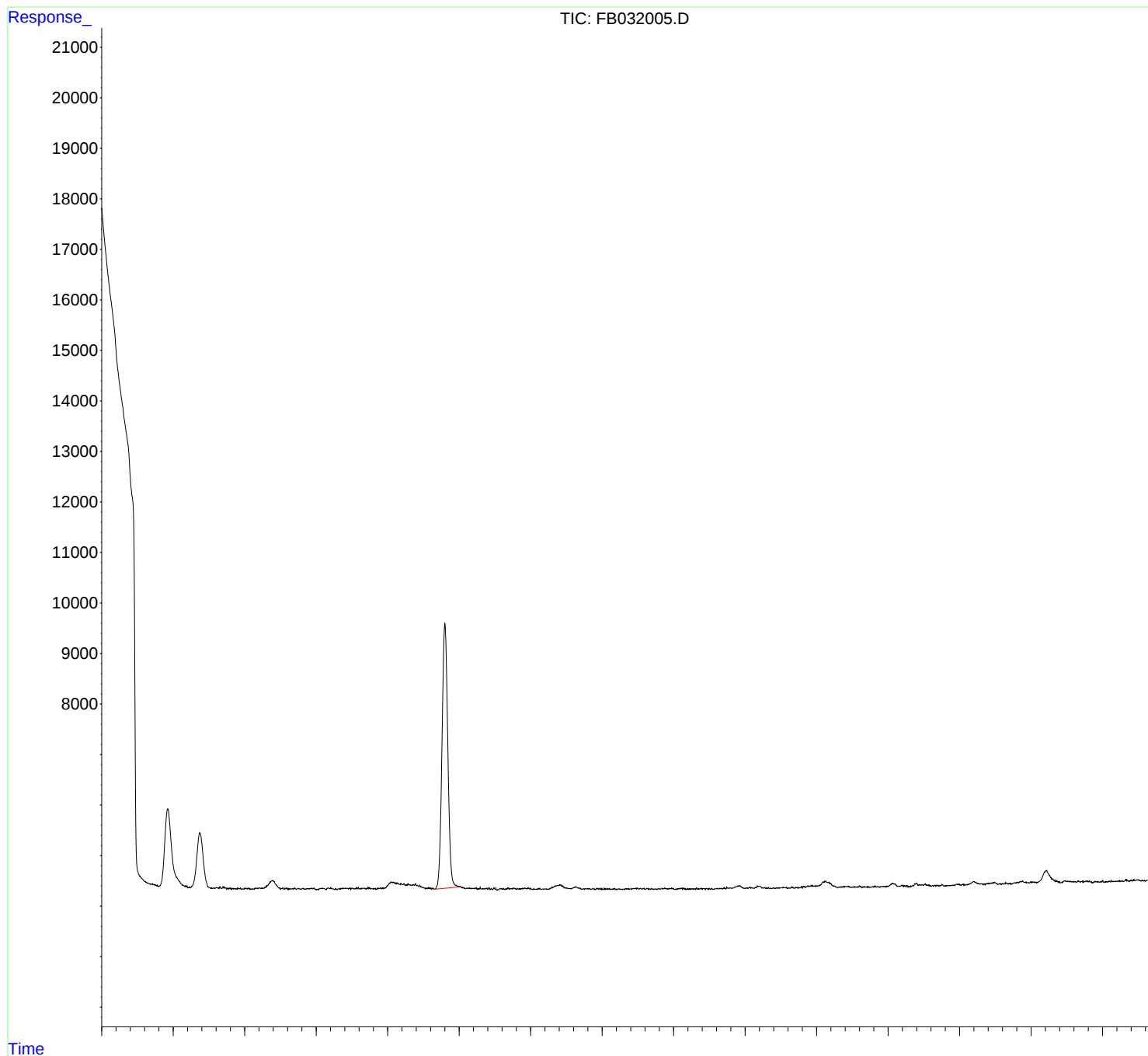
(f)=RT Delta > 1/2 Window

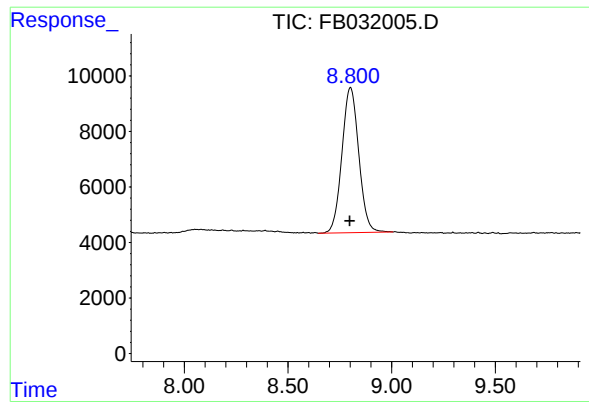
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032005.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 14:32
Operator : YP/AJ
Sample : Q2484-05
Misc : 4.85G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.802 min
Delta R.T.: 0.004 min
Response: 294896
Conc: 19.11 ng/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032005.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 14:32

Sample : Q2484-05

Misc : 4.85G/5.00 ML DI WATER

ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.711	4.705	4.741	VV	16	205	0.07%	0.040%
2	4.749	4.741	4.799	VV	20	292	0.10%	0.057%
3	5.174	5.166	5.209	VV	39	603	0.20%	0.118%
4	5.228	5.209	5.237	PV	18	157	0.05%	0.031%
5	5.542	5.534	5.558	VV	14	109	0.04%	0.021%
6	5.572	5.558	5.587	VV	18	202	0.07%	0.040%
7	5.604	5.587	5.619	VV	26	350	0.12%	0.069%
8	5.633	5.619	5.642	VV	25	259	0.09%	0.051%
9	5.653	5.642	5.681	VV	45	507	0.17%	0.100%
10	5.700	5.681	5.749	VV	44	1027	0.34%	0.202%
11	5.761	5.749	5.819	VV	25	594	0.20%	0.117%
12	5.831	5.819	5.842	PV	21	147	0.05%	0.029%
13	5.852	5.842	5.866	VV	18	188	0.06%	0.037%
14	5.901	5.866	5.909	VV	23	282	0.09%	0.055%
15	5.921	5.909	5.933	VV	23	242	0.08%	0.048%
16	5.943	5.933	5.955	VV	28	202	0.07%	0.040%
17	5.962	5.955	5.971	VV	10	65	0.02%	0.013%
18	5.977	5.971	5.987	VV	11	89	0.03%	0.017%
19	6.004	5.987	6.042	VV	30	517	0.17%	0.102%
20	6.065	6.042	6.074	VV	24	287	0.09%	0.056%
21	6.081	6.074	6.096	VV	13	95	0.03%	0.019%
22	6.105	6.096	6.120	PV	12	118	0.04%	0.023%
23	6.214	6.120	6.228	VV	31	1274	0.42%	0.250%

24	6.385	6.228	6.481	VV	181	13554	4.47%	2.663%
25	6.492	6.481	6.503	VV	35	359	0.12%	0.071%
26	6.535	6.503	6.553	VV	32	546	0.18%	0.107%
27	6.587	6.553	6.602	VV	35	508	0.17%	0.100%
28	6.612	6.602	6.651	VV	21	352	0.12%	0.069%
29	6.665	6.651	6.680	VV	19	266	0.09%	0.052%
30	6.697	6.680	6.722	VV	33	465	0.15%	0.091%
31	6.752	6.722	6.797	VV	27	682	0.22%	0.134%
32	6.812	6.797	6.839	VV	26	461	0.15%	0.091%
33	6.851	6.839	6.861	VV	16	153	0.05%	0.030%
34	6.877	6.861	6.890	VV	21	330	0.11%	0.065%
35	6.939	6.890	6.952	VV	31	769	0.25%	0.151%
36	6.967	6.952	7.007	VV	35	536	0.18%	0.105%
37	7.020	7.007	7.034	PV	11	95	0.03%	0.019%
38	7.089	7.034	7.144	VV	34	1330	0.44%	0.261%
39	7.171	7.144	7.195	VV	37	829	0.27%	0.163%
40	7.204	7.195	7.216	VV	50	397	0.13%	0.078%
41	7.225	7.216	7.261	VV	31	450	0.15%	0.088%
42	7.276	7.261	7.295	PV	27	248	0.08%	0.049%
43	7.312	7.295	7.338	VV	21	406	0.13%	0.080%
44	7.403	7.338	7.421	VV	35	1273	0.42%	0.250%
45	7.443	7.421	7.452	VV	30	523	0.17%	0.103%
46	7.476	7.452	7.486	VV	42	567	0.19%	0.111%
47	7.503	7.486	7.546	VV	31	880	0.29%	0.173%
48	7.568	7.546	7.579	VV	42	545	0.18%	0.107%
49	7.591	7.579	7.629	VV	50	799	0.26%	0.157%
50	7.638	7.629	7.646	VV	33	246	0.08%	0.048%
51	7.674	7.646	7.691	VV	35	786	0.26%	0.154%
52	7.728	7.691	7.741	VV	48	857	0.28%	0.168%
53	7.749	7.741	7.794	VV	40	881	0.29%	0.173%
54	7.810	7.794	7.820	VV	28	373	0.12%	0.073%
55	7.827	7.820	7.836	VV	31	216	0.07%	0.043%
56	7.859	7.836	7.869	VV	38	429	0.14%	0.084%
57	7.882	7.869	7.892	VV	32	391	0.13%	0.077%
58	7.904	7.892	7.922	VV	45	588	0.19%	0.115%
59	7.937	7.922	7.958	VV	43	707	0.23%	0.139%
60	8.052	7.958	8.071	VV	158	6983	2.30%	1.372%
61	8.082	8.071	8.124	VV	157	4436	1.46%	0.872%
62	8.132	8.124	8.143	VV	138	1429	0.47%	0.281%

63	8.149	8.143	8.169	VV	130	1910	0.63%	0.375%
64	8.186	8.169	8.209	VV	134	2776	0.91%	0.545%
65	8.229	8.209	8.261	VV	128	3313	1.09%	0.651%
66	8.284	8.261	8.328	VV	124	4113	1.35%	0.808%
67	8.362	8.328	8.374	VV	107	2695	0.89%	0.529%
68	8.391	8.374	8.411	VV	122	2254	0.74%	0.443%
69	8.420	8.411	8.438	VV	93	1348	0.44%	0.265%
70	8.451	8.438	8.554	VV	93	3593	1.18%	0.706%
71	8.574	8.554	8.591	VV	50	779	0.26%	0.153%
72	8.601	8.591	8.621	VV	42	568	0.19%	0.112%
73	8.631	8.621	8.649	VV	40	503	0.17%	0.099%
74	8.802	8.649	9.008	VV	5273	303536	100.00%	59.640%
75	9.017	9.008	9.093	VV	76	2518	0.83%	0.495%
76	9.111	9.093	9.136	VV	43	904	0.30%	0.178%
77	9.146	9.136	9.176	VV	46	838	0.28%	0.165%
78	9.191	9.176	9.218	VV	35	824	0.27%	0.162%
79	9.243	9.218	9.253	VV	44	717	0.24%	0.141%
80	9.272	9.253	9.285	VV	32	503	0.17%	0.099%
81	9.296	9.285	9.314	VV	58	572	0.19%	0.112%
82	9.332	9.314	9.352	VV	36	595	0.20%	0.117%
83	9.389	9.352	9.404	VV	43	963	0.32%	0.189%
84	9.418	9.404	9.438	VV	53	616	0.20%	0.121%
85	9.450	9.438	9.466	VV	34	356	0.12%	0.070%
86	9.489	9.466	9.508	VV	50	714	0.24%	0.140%
87	9.515	9.508	9.529	VV	39	227	0.07%	0.045%
88	9.573	9.529	9.592	PV	35	694	0.23%	0.136%
89	9.599	9.592	9.611	VV	32	301	0.10%	0.059%
90	9.622	9.611	9.634	VV	33	310	0.10%	0.061%
91	9.687	9.634	9.708	VV	49	1226	0.40%	0.241%
92	9.721	9.708	9.740	VV	34	543	0.18%	0.107%
93	9.773	9.740	9.786	VV	42	925	0.30%	0.182%
94	9.794	9.786	9.808	VV	36	326	0.11%	0.064%
95	9.823	9.808	9.837	VV	34	420	0.14%	0.082%
96	9.891	9.837	9.905	VV	42	1154	0.38%	0.227%
97	9.919	9.905	9.947	VV	42	848	0.28%	0.167%
98	9.967	9.947	9.985	VV	47	767	0.25%	0.151%
99	9.993	9.985	10.024	VV	39	591	0.19%	0.116%
100	10.046	10.024	10.068	VV	35	464	0.15%	0.091%
101	10.114	10.068	10.122	VV	34	638	0.21%	0.125%

102	10.132	10.122	10.154	VV	37	397	0.13%	0.078%
103	10.168	10.154	10.177	VV	24	241	0.08%	0.047%
104	10.200	10.177	10.254	VV	25	887	0.29%	0.174%
105	10.381	10.254	10.393	VV	96	5011	1.65%	0.985%
106	10.411	10.393	10.492	VV	105	4339	1.43%	0.853%
107	10.501	10.492	10.528	VV	46	778	0.26%	0.153%
108	10.539	10.528	10.553	VV	33	445	0.15%	0.087%
109	10.562	10.553	10.569	VV	32	264	0.09%	0.052%
110	10.635	10.569	10.672	VV	67	2802	0.92%	0.551%
111	10.682	10.672	10.694	VV	44	467	0.15%	0.092%
112	10.702	10.694	10.722	VV	34	348	0.11%	0.068%
113	10.736	10.722	10.755	VV	26	390	0.13%	0.077%
114	10.772	10.755	10.784	VV	29	383	0.13%	0.075%
115	10.801	10.784	10.838	VV	30	701	0.23%	0.138%
116	10.872	10.838	10.910	VV	29	713	0.24%	0.140%
117	10.932	10.910	10.950	VV	31	535	0.18%	0.105%
118	10.961	10.950	10.976	VV	25	306	0.10%	0.060%
119	10.988	10.976	10.998	VV	33	212	0.07%	0.042%
120	11.006	10.998	11.014	PV	20	110	0.04%	0.022%
121	11.029	11.014	11.037	VV	36	247	0.08%	0.049%
122	11.106	11.037	11.116	VV	30	839	0.28%	0.165%
123	11.153	11.116	11.161	VV	22	355	0.12%	0.070%
124	11.175	11.161	11.187	VV	29	317	0.10%	0.062%
125	11.195	11.187	11.208	VV	18	137	0.05%	0.027%
126	11.218	11.208	11.228	VV	20	163	0.05%	0.032%
127	11.238	11.228	11.259	VV	21	283	0.09%	0.056%
128	11.272	11.259	11.281	VV	17	147	0.05%	0.029%
129	11.301	11.281	11.316	VV	15	241	0.08%	0.047%
130	11.329	11.316	11.338	VV	23	240	0.08%	0.047%
131	11.342	11.338	11.349	VV	23	117	0.04%	0.023%
132	11.361	11.349	11.384	VV	24	350	0.12%	0.069%
133	11.406	11.384	11.418	VV	23	315	0.10%	0.062%
134	11.475	11.418	11.484	VV	33	931	0.31%	0.183%
135	11.496	11.484	11.515	VV	34	425	0.14%	0.084%
136	11.524	11.515	11.561	VV	25	572	0.19%	0.112%
137	11.586	11.561	11.598	VV	34	454	0.15%	0.089%
138	11.640	11.598	11.650	VV	30	571	0.19%	0.112%
139	11.666	11.650	11.682	VV	19	260	0.09%	0.051%
140	11.690	11.682	11.721	VV	20	339	0.11%	0.067%

141	11.749	11.721	11.769	VV	20	330	0.11%	0.065%
142	11.786	11.769	11.800	VV	21	283	0.09%	0.056%
143	11.810	11.800	11.821	VV	20	197	0.06%	0.039%
144	11.839	11.821	11.849	VV	29	324	0.11%	0.064%
145	11.878	11.849	11.929	VV	35	969	0.32%	0.190%
146	11.942	11.929	11.955	VV	23	314	0.10%	0.062%
147	11.971	11.955	11.991	VV	31	494	0.16%	0.097%
148	12.000	11.991	12.021	VV	25	232	0.08%	0.046%
149	12.040	12.021	12.051	VV	17	168	0.06%	0.033%
150	12.119	12.051	12.194	VV	33	1493	0.49%	0.293%
151	12.199	12.194	12.211	VV	23	121	0.04%	0.024%
152	12.225	12.211	12.245	VV	16	259	0.09%	0.051%
153	12.261	12.245	12.311	VV	17	505	0.17%	0.099%
154	12.322	12.311	12.361	VV	31	446	0.15%	0.088%
155	12.392	12.361	12.406	VV	24	454	0.15%	0.089%
156	12.418	12.406	12.447	VV	23	409	0.13%	0.080%
157	12.462	12.447	12.486	VV	28	364	0.12%	0.072%
158	12.498	12.486	12.523	VV	24	281	0.09%	0.055%
159	12.534	12.523	12.564	VV	19	270	0.09%	0.053%
160	12.607	12.564	12.652	PV	24	782	0.26%	0.154%
161	12.664	12.652	12.684	VV	23	333	0.11%	0.066%
162	12.708	12.684	12.728	VV	35	507	0.17%	0.100%
163	12.746	12.728	12.781	VV	41	788	0.26%	0.155%
164	12.798	12.781	12.816	VV	30	513	0.17%	0.101%
165	12.927	12.816	12.991	VV	71	4550	1.50%	0.894%
166	13.063	12.991	13.117	VV	33	1705	0.56%	0.335%
167	13.200	13.117	13.312	VV	57	3525	1.16%	0.693%
168	13.327	13.312	13.346	VV	31	296	0.10%	0.058%
169	13.357	13.346	13.373	VV	14	158	0.05%	0.031%
170	13.400	13.373	13.414	VV	21	282	0.09%	0.055%
171	13.436	13.414	13.449	VV	17	261	0.09%	0.051%
172	13.464	13.449	13.503	VV	22	506	0.17%	0.099%
173	13.537	13.503	13.599	VV	25	1108	0.37%	0.218%
174	13.615	13.599	13.636	VV	16	214	0.07%	0.042%
175	13.657	13.636	13.697	VV	27	637	0.21%	0.125%
176	13.736	13.697	13.751	VV	22	523	0.17%	0.103%
177	13.793	13.751	13.805	VV	42	667	0.22%	0.131%
178	13.819	13.805	13.847	VV	36	814	0.27%	0.160%
179	13.944	13.847	13.959	VV	61	2863	0.94%	0.563%
180	14.128	13.959	14.298	VV	139	14573	4.80%	2.863%

181	14.434	14.298	14.485	VV	34	2391	0.79%	0.470%
182	14.531	14.485	14.588	VV	28	936	0.31%	0.184%
183	14.599	14.588	14.637	VV	35	530	0.17%	0.104%
184	14.665	14.637	14.747	VV	26	819	0.27%	0.161%
185	14.824	14.747	14.844	VV	25	897	0.30%	0.176%
186	14.859	14.844	14.888	VV	23	356	0.12%	0.070%
187	14.910	14.888	14.952	VV	22	662	0.22%	0.130%
188	15.061	14.952	15.164	VV	83	5088	1.68%	1.000%
189	15.197	15.164	15.239	VV	45	1237	0.41%	0.243%
190	15.256	15.239	15.308	VV	33	824	0.27%	0.162%
191	15.402	15.308	15.422	PV	69	2629	0.87%	0.517%
192	15.449	15.422	15.498	VV	40	1670	0.55%	0.328%
193	15.520	15.498	15.605	VV	57	1980	0.65%	0.389%
194	15.656	15.605	15.670	VV	23	557	0.18%	0.109%
195	15.687	15.670	15.715	VV	26	412	0.14%	0.081%
196	15.758	15.715	15.812	VV	31	741	0.24%	0.146%
197	15.962	15.812	15.988	PV	34	1509	0.50%	0.296%
198	15.996	15.988	16.023	VV	33	408	0.13%	0.080%
199	16.049	16.023	16.063	VV	30	411	0.14%	0.081%
200	16.201	16.063	16.297	VV	75	4947	1.63%	0.972%
201	16.306	16.297	16.361	VV	28	750	0.25%	0.147%
202	16.400	16.361	16.419	VV	36	850	0.28%	0.167%
203	16.478	16.419	16.542	VV	42	2172	0.72%	0.427%
204	16.570	16.542	16.589	VV	16	284	0.09%	0.056%
205	16.604	16.589	16.621	PV	16	207	0.07%	0.041%
206	16.654	16.621	16.686	VV	28	607	0.20%	0.119%
207	16.704	16.686	16.727	VV	20	249	0.08%	0.049%
208	16.885	16.727	16.979	PV	55	3445	1.14%	0.677%
209	16.993	16.979	17.082	VV	27	821	0.27%	0.161%
Sum of corrected areas:						508947		

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-104	SDG No.:	Q2484
Lab Sample ID:	Q2484-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.3
Sample Wt/Vol:	4.35	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032006.D	1	07/03/25 15:00	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	11.0	U	11.0	59.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.9		50 - 150	89%	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\FB070325\
Data File : FB032006.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:00
Operator : YP/AJ
Sample : Q2484-06
Misc : 4.35G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.802	275843	17.880 ng/ml
Target Compounds			

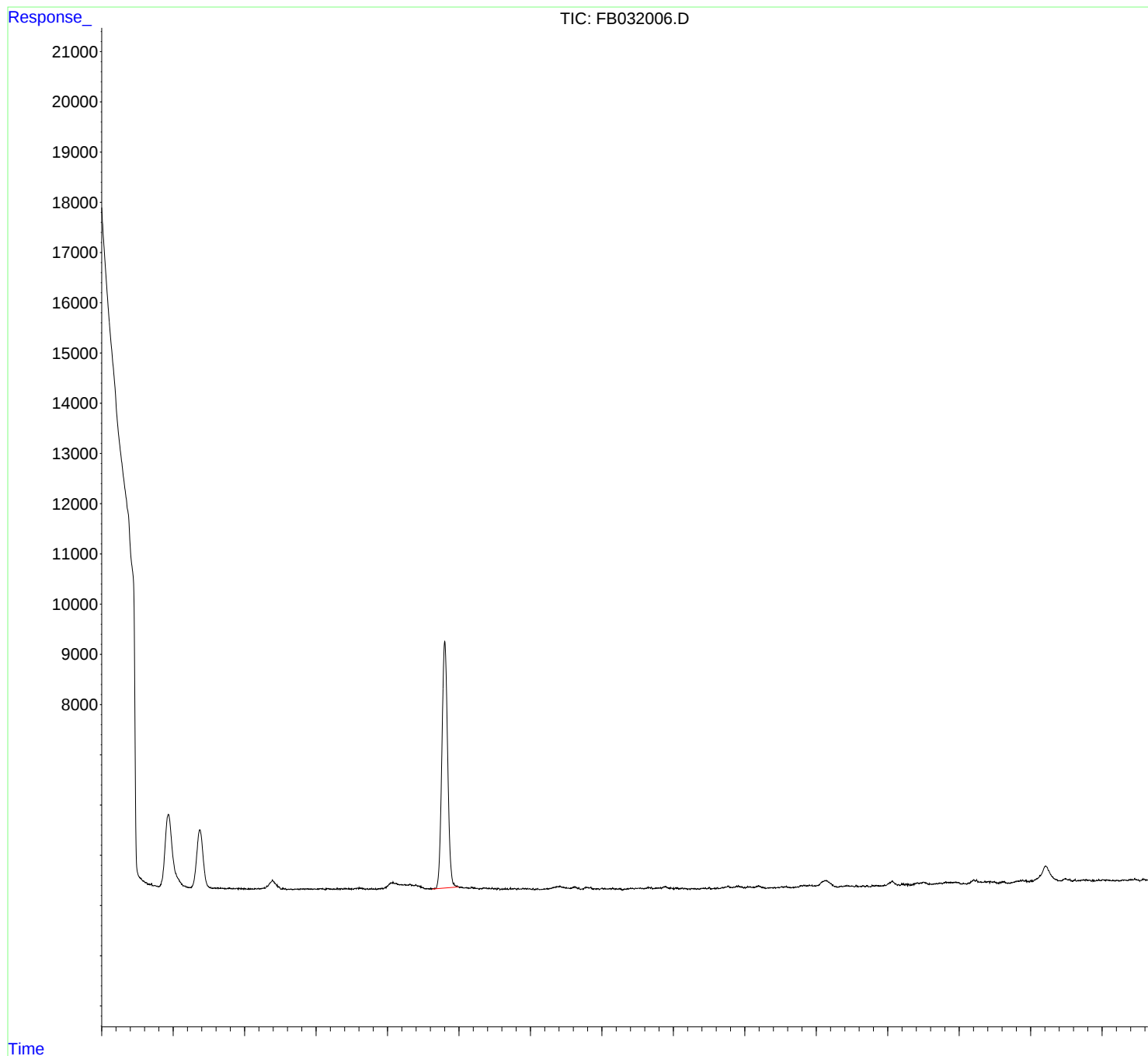
(f)=RT Delta > 1/2 Window

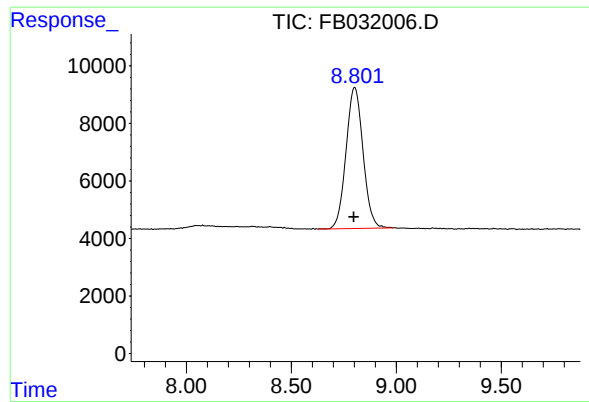
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032006.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:00
Operator : YP/AJ
Sample : Q2484-06
Misc : 4.35G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.802 min
Delta R.T.: 0.004 min
Response: 275843
Conc: 17.88 ng/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032006.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 15:00

Sample : Q2484-06

Misc : 4.35G/5.00 ML DI WATER

ALS Vial : 10 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.651	4.604	4.659	BV	10	181	0.07%	0.036%
2	4.666	4.659	4.677	PV	18	82	0.03%	0.016%
3	4.699	4.677	4.729	VV	40	375	0.13%	0.075%
4	4.741	4.729	4.782	PV	13	249	0.09%	0.050%
5	4.795	4.782	4.804	PV	10	44	0.02%	0.009%
6	5.527	5.520	5.537	VV	25	137	0.05%	0.028%
7	5.549	5.537	5.563	VV	11	95	0.03%	0.019%
8	5.583	5.563	5.616	VV	14	308	0.11%	0.062%
9	5.626	5.616	5.645	VV	21	224	0.08%	0.045%
10	5.661	5.645	5.744	VV	21	564	0.20%	0.113%
11	5.758	5.744	5.767	PV	15	117	0.04%	0.024%
12	5.776	5.767	5.784	VV	25	162	0.06%	0.033%
13	5.793	5.784	5.817	VV	23	238	0.09%	0.048%
14	5.826	5.817	5.836	VV	17	92	0.03%	0.019%
15	5.848	5.836	5.864	VV	20	180	0.06%	0.036%
16	5.887	5.864	5.900	VV	20	269	0.10%	0.054%
17	5.925	5.900	5.943	VV	26	367	0.13%	0.074%
18	5.951	5.943	5.984	VV	24	264	0.10%	0.053%
19	5.995	5.984	6.037	PV	20	308	0.11%	0.062%
20	6.082	6.037	6.092	PV	13	240	0.09%	0.048%
21	6.104	6.092	6.112	VV	18	119	0.04%	0.024%
22	6.120	6.112	6.135	PV	13	109	0.04%	0.022%
23	6.157	6.135	6.173	VV	20	303	0.11%	0.061%

24	6.191	6.173	6.210	VV	23	334	0.12%	0.067%
25	6.218	6.210	6.232	VV	19	207	0.07%	0.042%
26	6.278	6.232	6.291	VV	37	892	0.32%	0.179%
27	6.311	6.291	6.319	VV	71	889	0.32%	0.179%
28	6.392	6.319	6.516	VV	191	12163	4.38%	2.444%
29	6.540	6.516	6.547	VV	37	386	0.14%	0.077%
30	6.553	6.547	6.563	VV	26	189	0.07%	0.038%
31	6.573	6.563	6.588	VV	29	230	0.08%	0.046%
32	6.614	6.588	6.627	PV	14	229	0.08%	0.046%
33	6.650	6.627	6.667	VV	21	306	0.11%	0.061%
34	6.706	6.667	6.719	VV	20	351	0.13%	0.070%
35	6.731	6.719	6.742	VV	19	206	0.07%	0.041%
36	6.749	6.742	6.757	VV	23	120	0.04%	0.024%
37	6.786	6.757	6.817	VV	28	585	0.21%	0.118%
38	6.827	6.817	6.842	VV	25	289	0.10%	0.058%
39	6.854	6.842	6.868	VV	22	305	0.11%	0.061%
40	6.878	6.868	6.903	VV	25	411	0.15%	0.083%
41	6.911	6.903	6.918	VV	22	150	0.05%	0.030%
42	6.926	6.918	6.955	VV	25	380	0.14%	0.076%
43	6.975	6.955	7.009	VV	24	555	0.20%	0.112%
44	7.055	7.009	7.084	VV	28	975	0.35%	0.196%
45	7.092	7.084	7.129	VV	30	467	0.17%	0.094%
46	7.167	7.129	7.215	PV	29	1026	0.37%	0.206%
47	7.223	7.215	7.238	VV	22	208	0.07%	0.042%
48	7.247	7.238	7.284	VV	25	430	0.15%	0.086%
49	7.294	7.284	7.310	VV	37	348	0.13%	0.070%
50	7.324	7.310	7.340	VV	24	308	0.11%	0.062%
51	7.352	7.340	7.367	VV	30	333	0.12%	0.067%
52	7.396	7.367	7.454	VV	32	1001	0.36%	0.201%
53	7.458	7.454	7.493	VV	28	354	0.13%	0.071%
54	7.502	7.493	7.520	VV	29	249	0.09%	0.050%
55	7.546	7.520	7.565	VV	27	566	0.20%	0.114%
56	7.583	7.565	7.608	VV	35	689	0.25%	0.138%
57	7.617	7.608	7.630	VV	34	383	0.14%	0.077%
58	7.638	7.630	7.656	VV	32	373	0.13%	0.075%
59	7.666	7.656	7.698	VV	28	362	0.13%	0.073%
60	7.722	7.698	7.734	VV	23	256	0.09%	0.051%
61	7.759	7.734	7.767	PV	19	199	0.07%	0.040%
62	7.780	7.767	7.789	VV	21	183	0.07%	0.037%

63	7.799	7.789	7.824	VV	13	198	0.07%	0.040%
64	7.835	7.824	7.869	VV	20	189	0.07%	0.038%
65	7.925	7.869	7.943	VV	25	714	0.26%	0.143%
66	7.975	7.943	7.982	VV	50	735	0.26%	0.148%
67	8.046	7.982	8.056	VV	132	4055	1.46%	0.815%
68	8.061	8.056	8.069	VV	129	958	0.34%	0.192%
69	8.079	8.069	8.094	VV	145	1881	0.68%	0.378%
70	8.105	8.094	8.142	VV	119	3244	1.17%	0.652%
71	8.150	8.142	8.183	VV	102	2276	0.82%	0.457%
72	8.191	8.183	8.226	VV	96	2225	0.80%	0.447%
73	8.243	8.226	8.258	VV	96	1710	0.62%	0.344%
74	8.264	8.258	8.283	VV	82	1174	0.42%	0.236%
75	8.292	8.283	8.298	VV	86	750	0.27%	0.151%
76	8.313	8.298	8.337	VV	98	2034	0.73%	0.409%
77	8.344	8.337	8.368	VV	84	1357	0.49%	0.273%
78	8.399	8.368	8.547	VB	88	4601	1.66%	0.925%
79	8.605	8.567	8.628	BV	18	80	0.03%	0.016%
80	8.637	8.628	8.662	PV	11	146	0.05%	0.029%
81	8.802	8.662	8.922	VV	4931	277857	100.00%	55.840%
82	8.930	8.922	8.988	VV	115	3001	1.08%	0.603%
83	8.995	8.988	9.013	VV	53	676	0.24%	0.136%
84	9.022	9.013	9.077	VV	46	1418	0.51%	0.285%
85	9.109	9.077	9.139	VV	40	1159	0.42%	0.233%
86	9.147	9.139	9.159	VV	31	319	0.11%	0.064%
87	9.173	9.159	9.202	VV	49	926	0.33%	0.186%
88	9.210	9.202	9.244	VV	42	703	0.25%	0.141%
89	9.252	9.244	9.287	VV	27	513	0.18%	0.103%
90	9.298	9.287	9.306	VV	24	220	0.08%	0.044%
91	9.310	9.306	9.320	VV	24	162	0.06%	0.032%
92	9.347	9.320	9.361	VV	41	694	0.25%	0.139%
93	9.366	9.361	9.376	VV	39	306	0.11%	0.061%
94	9.387	9.376	9.397	VV	39	375	0.13%	0.075%
95	9.409	9.397	9.444	VV	30	704	0.25%	0.141%
96	9.465	9.444	9.485	VV	42	644	0.23%	0.129%
97	9.497	9.485	9.506	VV	30	290	0.10%	0.058%
98	9.520	9.506	9.532	VV	26	302	0.11%	0.061%
99	9.552	9.532	9.576	VV	32	568	0.20%	0.114%
100	9.587	9.576	9.597	PV	18	168	0.06%	0.034%
101	9.600	9.597	9.606	VV	19	75	0.03%	0.015%

102	9.612	9.606	9.617	VV	18	93	0.03%	0.019%
103	9.625	9.617	9.633	VV	23	145	0.05%	0.029%
104	9.648	9.633	9.661	VV	32	308	0.11%	0.062%
105	9.677	9.661	9.695	VV	29	305	0.11%	0.061%
106	9.720	9.695	9.743	VV	39	571	0.21%	0.115%
107	9.751	9.743	9.762	VV	27	241	0.09%	0.049%
108	9.777	9.762	9.809	VV	33	634	0.23%	0.127%
109	9.818	9.809	9.847	VV	28	450	0.16%	0.090%
110	9.865	9.847	9.874	VV	21	293	0.11%	0.059%
111	9.895	9.874	9.919	VV	38	645	0.23%	0.130%
112	9.929	9.919	9.953	VV	35	501	0.18%	0.101%
113	9.963	9.953	9.979	VV	30	338	0.12%	0.068%
114	9.988	9.979	10.023	VV	29	489	0.18%	0.098%
115	10.039	10.023	10.053	VV	34	335	0.12%	0.067%
116	10.080	10.053	10.092	VV	26	304	0.11%	0.061%
117	10.102	10.092	10.140	VV	31	424	0.15%	0.085%
118	10.236	10.140	10.242	VV	33	1064	0.38%	0.214%
119	10.250	10.242	10.260	VV	31	266	0.10%	0.053%
120	10.275	10.260	10.285	VV	36	432	0.16%	0.087%
121	10.373	10.285	10.386	VV	73	3139	1.13%	0.631%
122	10.399	10.386	10.410	VV	75	967	0.35%	0.194%
123	10.416	10.410	10.443	VV	80	1313	0.47%	0.264%
124	10.469	10.443	10.493	VV	61	1532	0.55%	0.308%
125	10.503	10.493	10.514	VV	54	528	0.19%	0.106%
126	10.535	10.514	10.558	VV	40	937	0.34%	0.188%
127	10.570	10.558	10.577	VV	44	425	0.15%	0.085%
128	10.614	10.577	10.622	VV	70	1407	0.51%	0.283%
129	10.630	10.622	10.645	VV	68	773	0.28%	0.155%
130	10.651	10.645	10.664	VV	50	466	0.17%	0.094%
131	10.679	10.664	10.703	VV	54	681	0.25%	0.137%
132	10.725	10.703	10.737	VV	23	411	0.15%	0.083%
133	10.775	10.737	10.796	VV	56	1478	0.53%	0.297%
134	10.805	10.796	10.824	VV	55	810	0.29%	0.163%
135	10.847	10.824	10.869	VV	59	1083	0.39%	0.218%
136	10.879	10.869	10.924	VV	28	765	0.28%	0.154%
137	10.933	10.924	10.967	VV	31	611	0.22%	0.123%
138	11.003	10.967	11.028	VV	44	1002	0.36%	0.201%
139	11.044	11.028	11.056	VV	36	476	0.17%	0.096%
140	11.067	11.056	11.091	VV	27	474	0.17%	0.095%

141	11.102	11.091	11.111	VV	34	315	0.11%	0.063%
142	11.122	11.111	11.132	VV	37	357	0.13%	0.072%
143	11.150	11.132	11.159	VV	46	516	0.19%	0.104%
144	11.167	11.159	11.191	VV	30	481	0.17%	0.097%
145	11.205	11.191	11.215	VV	33	345	0.12%	0.069%
146	11.223	11.215	11.231	VV	24	203	0.07%	0.041%
147	11.243	11.231	11.251	VV	35	325	0.12%	0.065%
148	11.261	11.251	11.295	VV	24	394	0.14%	0.079%
149	11.325	11.295	11.339	PV	24	436	0.16%	0.088%
150	11.404	11.339	11.416	VV	42	1259	0.45%	0.253%
151	11.428	11.416	11.454	VV	39	698	0.25%	0.140%
152	11.475	11.454	11.491	VV	40	692	0.25%	0.139%
153	11.517	11.491	11.529	VV	38	769	0.28%	0.155%
154	11.538	11.529	11.560	VV	44	659	0.24%	0.133%
155	11.572	11.560	11.584	VV	36	422	0.15%	0.085%
156	11.592	11.584	11.600	VV	31	244	0.09%	0.049%
157	11.610	11.600	11.623	VV	36	421	0.15%	0.085%
158	11.651	11.623	11.682	VV	52	1481	0.53%	0.298%
159	11.693	11.682	11.731	VV	52	982	0.35%	0.197%
160	11.763	11.731	11.774	VV	46	870	0.31%	0.175%
161	11.785	11.774	11.794	VV	45	437	0.16%	0.088%
162	11.804	11.794	11.814	VV	40	452	0.16%	0.091%
163	11.824	11.814	11.832	VV	48	395	0.14%	0.079%
164	11.898	11.832	11.932	VV	69	3040	1.09%	0.611%
165	11.938	11.932	11.954	VV	36	392	0.14%	0.079%
166	11.963	11.954	12.013	VV	44	982	0.35%	0.197%
167	12.033	12.013	12.041	VV	42	481	0.17%	0.097%
168	12.057	12.041	12.077	VV	39	618	0.22%	0.124%
169	12.128	12.077	12.144	VV	36	937	0.34%	0.188%
170	12.168	12.144	12.205	VV	27	690	0.25%	0.139%
171	12.219	12.205	12.237	VV	19	253	0.09%	0.051%
172	12.259	12.237	12.272	PV	24	371	0.13%	0.074%
173	12.280	12.272	12.291	VV	24	205	0.07%	0.041%
174	12.302	12.291	12.325	VV	26	325	0.12%	0.065%
175	12.341	12.325	12.362	VV	21	272	0.10%	0.055%
176	12.402	12.362	12.413	VV	25	525	0.19%	0.105%
177	12.422	12.413	12.438	VV	30	343	0.12%	0.069%
178	12.449	12.438	12.470	VV	36	395	0.14%	0.079%
179	12.504	12.470	12.531	VV	38	742	0.27%	0.149%
180	12.579	12.531	12.608	VV	29	757	0.27%	0.152%

181	12.619	12.608	12.628	VV	36	302	0.11%	0.061%
182	12.635	12.628	12.643	VV	17	133	0.05%	0.027%
183	12.654	12.643	12.659	VV	19	145	0.05%	0.029%
184	12.686	12.659	12.698	VV	41	631	0.23%	0.127%
185	12.775	12.698	12.832	VV	65	3242	1.17%	0.651%
186	12.848	12.832	12.859	VV	45	577	0.21%	0.116%
187	12.888	12.859	12.900	VV	64	1182	0.43%	0.238%
188	12.911	12.900	12.986	VV	68	2191	0.79%	0.440%
189	12.999	12.986	13.008	VV	38	350	0.13%	0.070%
190	13.021	13.008	13.032	VV	31	402	0.14%	0.081%
191	13.042	13.032	13.065	VV	50	785	0.28%	0.158%
192	13.080	13.065	13.096	VV	43	646	0.23%	0.130%
193	13.108	13.096	13.141	VV	33	778	0.28%	0.156%
194	13.164	13.141	13.176	VV	49	830	0.30%	0.167%
195	13.197	13.176	13.240	VV	60	1731	0.62%	0.348%
196	13.248	13.240	13.256	VV	36	280	0.10%	0.056%
197	13.260	13.256	13.292	VV	30	399	0.14%	0.080%
198	13.324	13.292	13.332	PV	16	234	0.08%	0.047%
199	13.344	13.332	13.351	VV	16	170	0.06%	0.034%
200	13.359	13.351	13.397	VV	20	450	0.16%	0.090%
201	13.423	13.397	13.433	VV	25	320	0.12%	0.064%
202	13.465	13.433	13.482	VV	25	488	0.18%	0.098%
203	13.515	13.482	13.534	VV	38	785	0.28%	0.158%
204	13.581	13.534	13.603	VV	41	1117	0.40%	0.225%
205	13.610	13.603	13.622	VV	23	221	0.08%	0.045%
206	13.630	13.622	13.648	VV	22	212	0.08%	0.043%
207	13.677	13.648	13.686	VV	23	303	0.11%	0.061%
208	13.715	13.686	13.728	VV	25	426	0.15%	0.086%
209	13.742	13.728	13.755	VV	31	355	0.13%	0.071%
210	13.775	13.755	13.783	VV	44	584	0.21%	0.117%
211	13.793	13.783	13.811	VV	53	759	0.27%	0.153%
212	13.825	13.811	13.862	VV	60	1453	0.52%	0.292%
213	13.905	13.862	13.923	VV	60	1655	0.60%	0.333%
214	13.929	13.923	13.936	VV	46	370	0.13%	0.074%
215	13.942	13.936	13.950	VV	58	382	0.14%	0.077%
216	14.118	13.950	14.126	VV	143	7754	2.79%	1.558%
217	14.142	14.126	14.152	VV	146	2159	0.78%	0.434%
218	14.158	14.152	14.201	VV	132	3140	1.13%	0.631%
219	14.208	14.201	14.316	VV	84	2169	0.78%	0.436%

220	14.352	14.316	14.374	VV	29	633	0.23%	0.127%
221	14.408	14.374	14.418	VV	31	599	0.22%	0.120%
222	14.429	14.418	14.440	VV	42	409	0.15%	0.082%
223	14.454	14.440	14.471	VV	32	460	0.17%	0.092%
224	14.494	14.471	14.534	VV	26	696	0.25%	0.140%
225	14.559	14.534	14.570	VV	42	445	0.16%	0.089%
226	14.579	14.570	14.589	VV	28	170	0.06%	0.034%
227	14.617	14.589	14.638	VV	16	322	0.12%	0.065%
228	14.650	14.638	14.694	VV	27	554	0.20%	0.111%
229	14.707	14.694	14.732	VV	31	419	0.15%	0.084%
230	14.751	14.732	14.763	PV	9	87	0.03%	0.018%
231	14.782	14.763	14.816	VV	31	551	0.20%	0.111%
232	14.825	14.816	14.852	VV	27	438	0.16%	0.088%
233	14.862	14.852	14.894	VV	24	426	0.15%	0.086%
234	14.902	14.894	14.922	VV	19	236	0.08%	0.047%
235	14.957	14.922	14.975	VV	36	634	0.23%	0.127%
236	15.007	14.975	15.017	VV	60	1010	0.36%	0.203%
237	15.030	15.017	15.038	VV	85	882	0.32%	0.177%
238	15.064	15.038	15.105	VV	111	3286	1.18%	0.660%
239	15.113	15.105	15.137	VV	53	736	0.26%	0.148%
240	15.148	15.137	15.173	VV	37	542	0.20%	0.109%
241	15.207	15.173	15.219	VV	56	893	0.32%	0.179%
242	15.227	15.219	15.241	VV	45	427	0.15%	0.086%
243	15.254	15.241	15.282	VV	48	739	0.27%	0.148%
244	15.296	15.282	15.311	VV	43	418	0.15%	0.084%
245	15.323	15.311	15.336	VV	27	271	0.10%	0.054%
246	15.399	15.336	15.406	VV	56	1465	0.53%	0.294%
247	15.418	15.406	15.437	VV	61	953	0.34%	0.192%
248	15.463	15.437	15.476	VV	59	1177	0.42%	0.237%
249	15.501	15.476	15.570	VV	72	2921	1.05%	0.587%
250	15.580	15.570	15.617	VV	43	743	0.27%	0.149%
251	15.644	15.617	15.651	VV	32	511	0.18%	0.103%
252	15.660	15.651	15.668	VV	35	280	0.10%	0.056%
253	15.688	15.668	15.701	VV	38	639	0.23%	0.129%
254	15.722	15.701	15.733	VV	46	700	0.25%	0.141%
255	15.744	15.733	15.752	VV	44	455	0.16%	0.092%
256	15.757	15.752	15.766	VV	39	293	0.11%	0.059%
257	15.815	15.766	15.825	VV	71	1680	0.60%	0.338%
258	15.851	15.825	15.885	VV	56	1772	0.64%	0.356%

259	15.891	15.885	15.915	VV	52	817	0.29%	0.164%
260	15.952	15.915	15.977	VV	57	1840	0.66%	0.370%
261	15.984	15.977	15.993	VV	47	424	0.15%	0.085%
262	16.000	15.993	16.016	VV	47	481	0.17%	0.097%
263	16.025	16.016	16.042	VV	21	282	0.10%	0.057%
264	16.058	16.042	16.110	VV	31	755	0.27%	0.152%
265	16.129	16.110	16.137	VV	29	381	0.14%	0.077%
266	16.204	16.137	16.235	VV	95	3595	1.29%	0.723%
267	16.245	16.235	16.279	VV	93	1692	0.61%	0.340%
268	16.294	16.279	16.316	VV	50	989	0.36%	0.199%
269	16.328	16.316	16.339	VV	42	520	0.19%	0.105%
270	16.362	16.339	16.373	VV	61	900	0.32%	0.181%
271	16.383	16.373	16.403	VV	46	777	0.28%	0.156%
272	16.416	16.403	16.429	VV	55	761	0.27%	0.153%
273	16.441	16.429	16.471	VV	55	1018	0.37%	0.205%
274	16.493	16.471	16.506	VV	49	809	0.29%	0.163%
275	16.513	16.506	16.554	VV	36	589	0.21%	0.118%
276	16.578	16.554	16.597	VV	34	607	0.22%	0.122%
277	16.604	16.597	16.611	VV	40	275	0.10%	0.055%
278	16.625	16.611	16.680	VV	48	1014	0.36%	0.204%
279	16.690	16.680	16.717	PV	17	184	0.07%	0.037%
280	16.733	16.717	16.743	PV	18	207	0.07%	0.042%
281	16.766	16.743	16.774	VV	28	363	0.13%	0.073%
282	16.813	16.774	16.824	VV	42	943	0.34%	0.190%
283	16.832	16.824	16.850	VV	42	532	0.19%	0.107%
284	16.863	16.850	16.874	VV	59	609	0.22%	0.122%
285	16.890	16.874	16.909	VV	58	849	0.31%	0.171%
286	16.930	16.909	16.937	VV	49	545	0.20%	0.110%
287	16.942	16.937	16.949	VV	41	192	0.07%	0.039%
288	16.955	16.949	16.970	VV	22	219	0.08%	0.044%
289	16.978	16.970	16.986	VV	20	94	0.03%	0.019%
290	17.000	16.986	17.009	PV	34	233	0.08%	0.047%
291	17.020	17.009	17.037	VV	30	196	0.07%	0.039%
Sum of corrected areas:						497598		



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: ACE

SDG No.: Q2484

Calibration Sequence : FB062325		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1490557	33123	FB031909.D
90	2566530	28517	FB031910.D
180	5166210	28701	FB031911.D
450	12609856	28022	FB031912.D
900	27368301	30409	FB031913.D
AVG RF : 29754		% RSD : 7.013	AVG RT : 8.798

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02
ProjectID: South River WM Replacement
Lab Code: ACE SDG No.: Q2484
DataFile: FB031997.D Analyst Name: YP/AJ Analyst Date: 07-03-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	4931057	27395	29754	7.928

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
 Data File : FB031997.D
 Signal(s) : FID2B.CH
 Acq On : 3 Jul 2025 9:45
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e
 Quant Time: Jul 04 01:45:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
 Quant Title :
 QLast Update : Mon Jun 23 13:56:54 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	8.796	304368	19.728 ng/mlm
Target Compounds				
1) t	2-Methylpentane	4.716	653860	25.702 ng/ml
2) t	2,2,4-Trimethylpentane	7.425	783682	29.060 ng/ml
3) t	n-Heptane	7.757	230453	9.236 ng/ml
4) t	Benzene	7.895	338763	9.964 ng/ml
6) t	Toluene	10.626	968984	27.099 ng/ml
7) t	Ethylbenzene	13.062	290051	9.185 ng/ml
8) t	m-Xylene	13.195	602033	18.355 ng/ml
9) t	O-Xylene	13.923	577755	18.615 ng/ml
10) t	1,2,4-Trimethylbenzene	16.198	485476	18.361 ng/ml

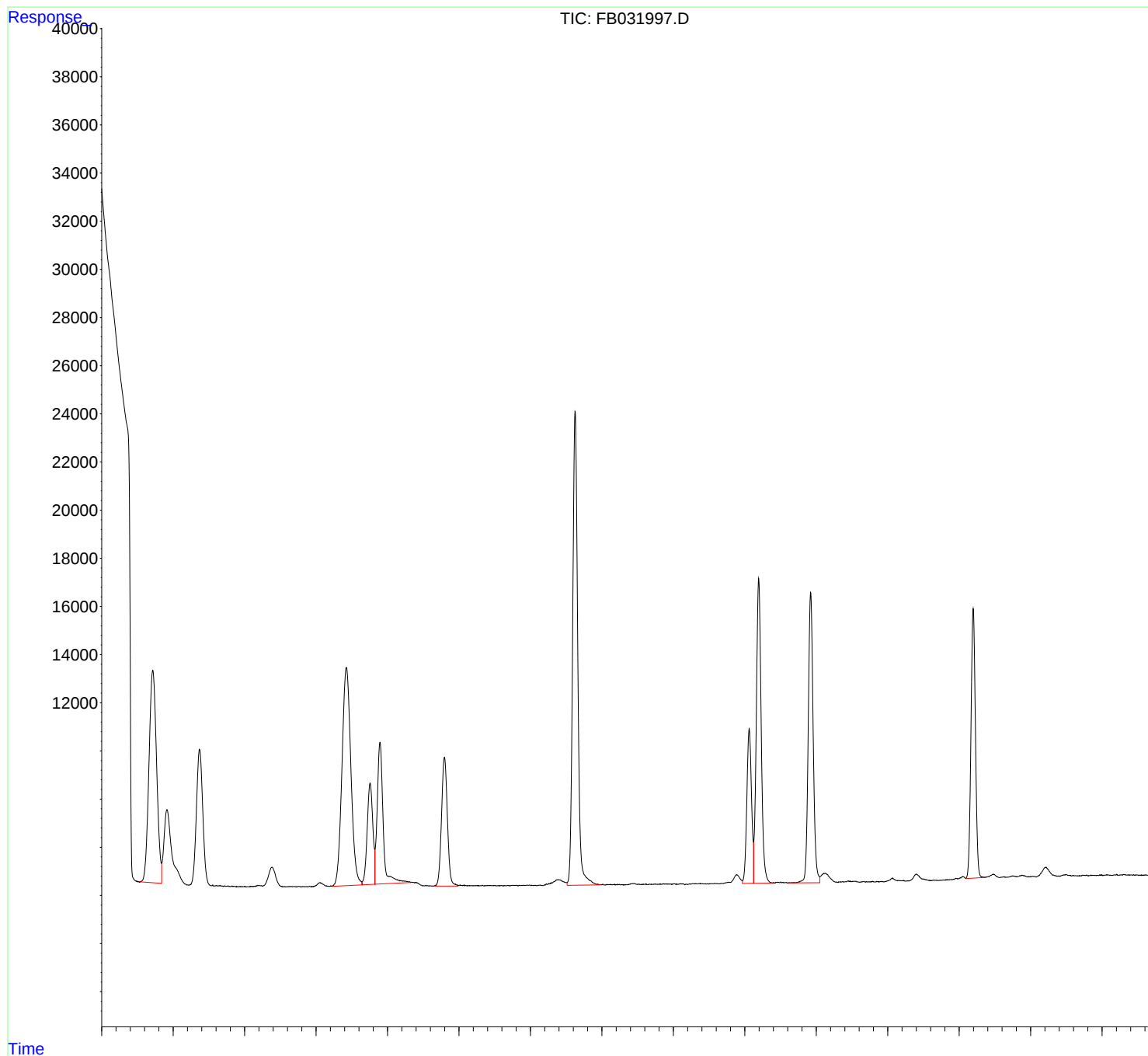
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB031997.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 9:45
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB031997.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 9:45

Sample : 20 PPB GRO STD

Misc :

ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.520	4.839	BV	8824	653860	67.48%	12.504%
2	7.425	7.226	7.643	PV	9063	783682	80.88%	14.987%
3	7.757	7.643	7.824	VV	4213	230453	23.78%	4.407%
4	7.895	7.824	8.322	VB	5888	338763	34.96%	6.478%
5	8.797	8.481	8.999	BV	5326	298188	30.77%	5.702%
6	10.626	10.513	10.992	VV	19676	968984	100.00%	18.530%
7	13.062	12.967	13.123	VV	6423	290051	29.93%	5.547%
8	13.195	13.123	13.388	VV	12633	602033	62.13%	11.513%
9	13.923	13.608	14.051	BV	12058	577755	59.62%	11.049%
10	16.198	16.091	16.355	VV	11180	485476	50.10%	9.284%

Sum of corrected areas: 5229246

FB062325.M Fri Jul 04 02:42:18 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02
ProjectID: South River WM Replacement
Lab Code: ACE SDG No.: Q2484
DataFile: FB032008.D Analyst Name: YP/AJ Analyst Date: 07-03-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5037472	27986	29754	5.942

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032008.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:55
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.803	299837	19.435 ng/ml
Target Compounds				
1) t	2-Methylpentane	4.718	658362	25.879 ng/ml
2) t	2,2,4-Trimethylpentane	7.436	822669	30.505 ng/ml
3) t	n-Heptane	7.761	251782	10.091 ng/ml
4) t	Benzene	7.900	323763	9.523 ng/ml
6) t	Toluene	10.632	989546	27.674 ng/ml
7) t	Ethylbenzene	13.068	291518	9.232 ng/ml
8) t	m-Xylene	13.201	613478	18.704 ng/ml
9) t	O-Xylene	13.929	586158	18.886 ng/ml
10) t	1,2,4-Trimethylbenzene	16.204	500196	18.918 ng/ml

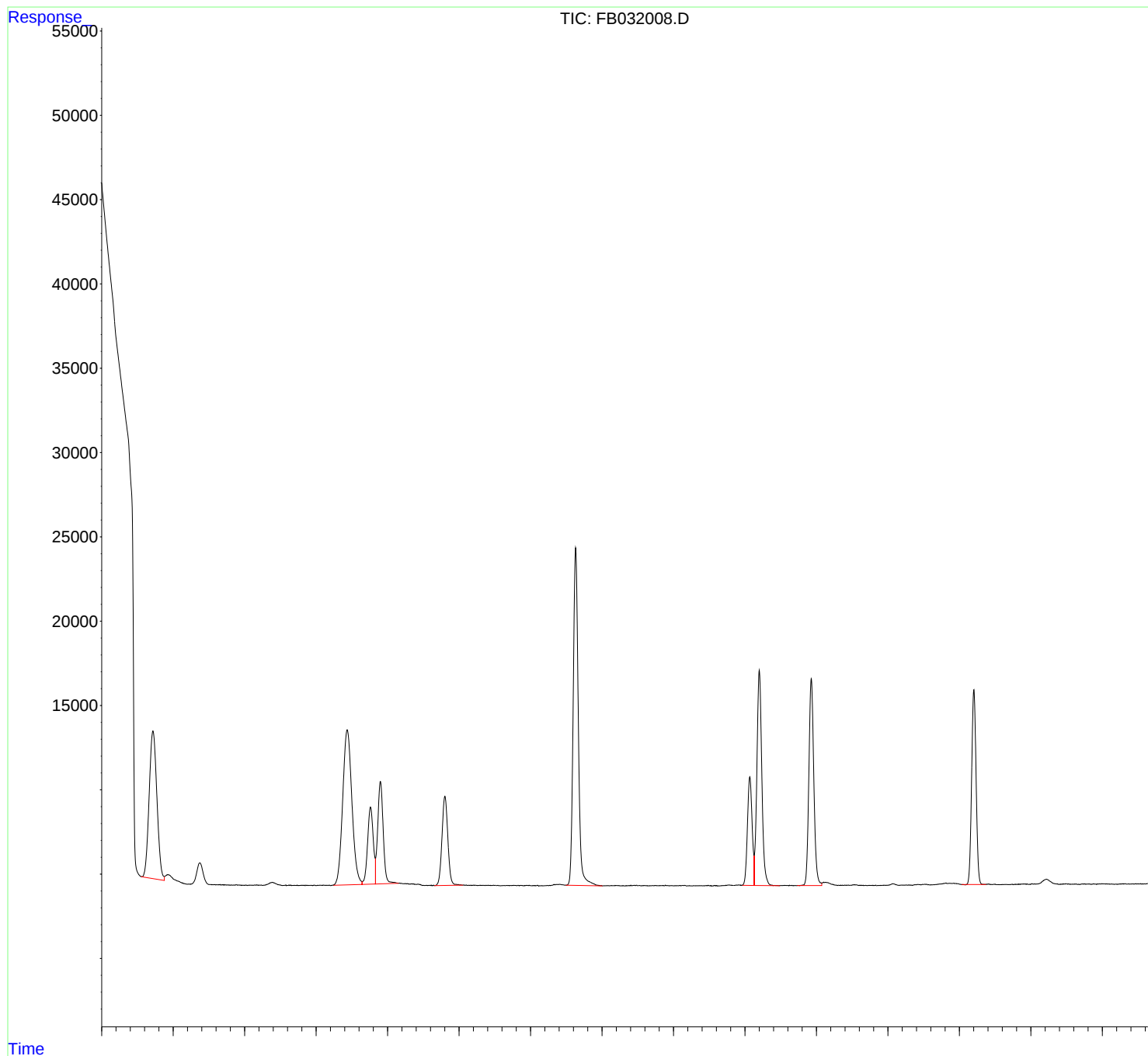
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032008.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:55
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032008.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 15:55

Sample : 20 PPB GRO STD

Misc :

ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.554	4.877	BV	8761	658362	66.53%	12.335%
2	7.436	7.245	7.644	PV	9200	822669	83.14%	15.414%
3	7.762	7.644	7.830	VV	4572	251782	25.44%	4.717%
4	7.900	7.830	8.153	VV	6074	323763	32.72%	6.066%
5	8.803	8.657	9.046	PV	5294	299837	30.30%	5.618%
6	10.632	10.494	11.006	BV	20015	989546	100.00%	18.540%
7	13.068	12.968	13.129	BV	6434	291518	29.46%	5.462%
8	13.201	13.129	13.488	VV	12749	613478	62.00%	11.494%
9	13.929	13.731	14.075	BV	12265	586158	59.24%	10.982%
10	16.204	16.035	16.364	BV	11552	500196	50.55%	9.372%

Sum of corrected areas: 5337309

FB062325.M Fri Jul 04 02:44:22 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02
ProjectID: South River WM Replacement
Lab Code: ACE SDG No.: Q2484
DataFile: FB032013.D Analyst Name: YP/AJ Analyst Date: 07-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5048972	28050	29754	5.727

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
 Data File : FB032013.D
 Signal(s) : FID2B.CH
 Acq On : 8 Jul 2025 13:27
 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: SAMPLE.e
 Quant Time: Jul 09 05:39:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
 Quant Title :
 QLast Update : Mon Jun 23 13:56:54 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	8.800	358192	23.217 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	645644	25.379 ng/ml
2) t 2,2,4-Trimethylpentane	7.429	820700	30.432 ng/ml
3) t n-Heptane	7.759	242071	9.702 ng/ml
4) t Benzene	7.897	332048	9.766 ng/ml
6) t Toluene	10.629	992901	27.767 ng/ml
7) t Ethylbenzene	13.065	298058	9.439 ng/ml
8) t m-Xylene	13.198	619355	18.883 ng/ml
9) t O-Xylene	13.925	590224	19.017 ng/ml
10) t 1,2,4-Trimethylbenzene	16.200	507971	19.212 ng/ml

(f)=RT Delta > 1/2 Window

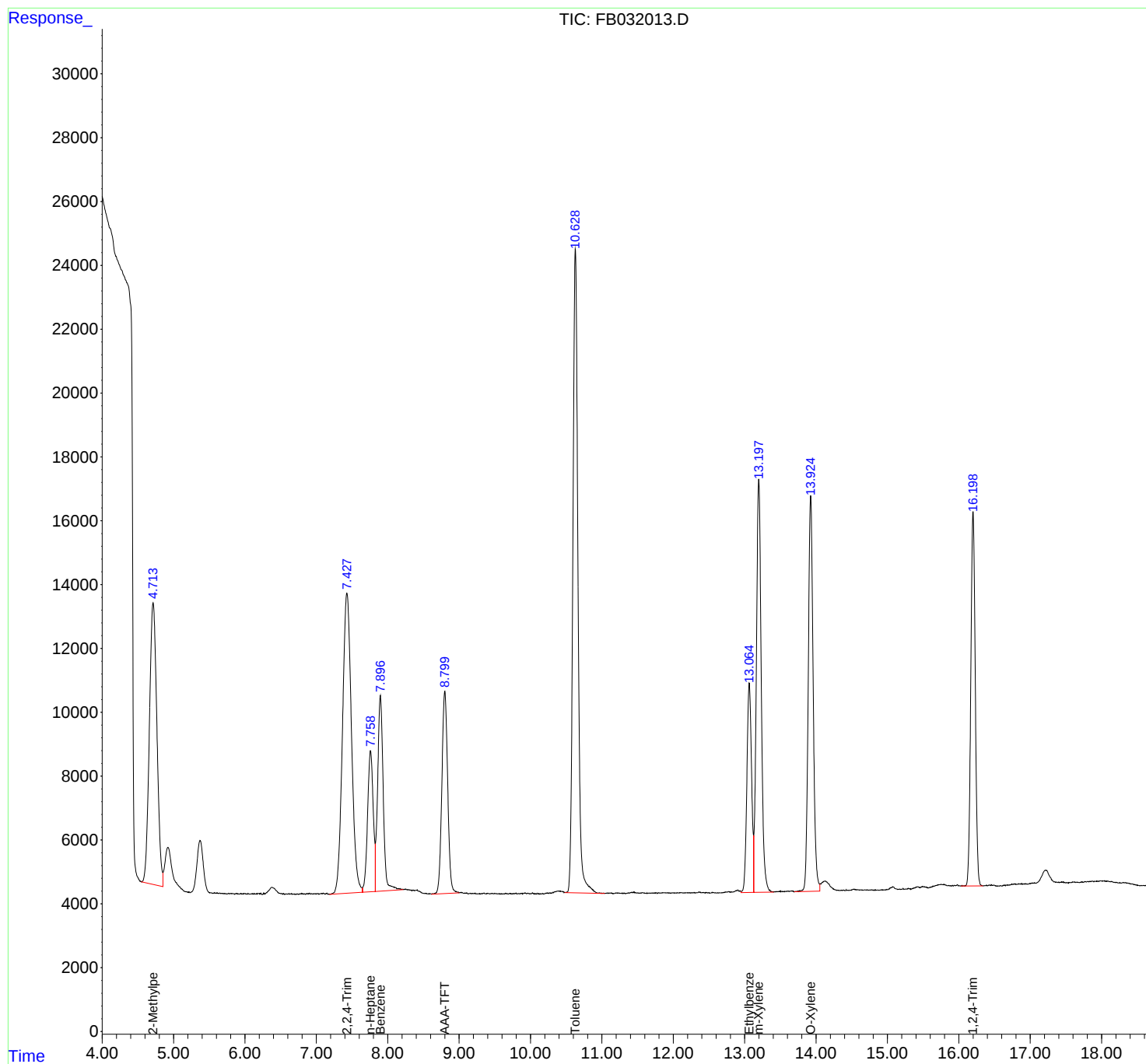
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032013.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 13:27
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: SAMPLE.e
Quant Time: Jul 09 05:39:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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\FB070825\
Data File : FB032013.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 13:27
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.548	4.852	BV	8821	645644	65.03%	11.941%
2	7.429	7.184	7.646	BV	9401	820700	82.66%	15.178%
3	7.759	7.646	7.826	VV	4422	242071	24.38%	4.477%
4	7.897	7.826	8.220	VV	6123	332048	33.44%	6.141%
5	8.800	8.611	9.000	PV	6340	358192	36.08%	6.624%
6	10.629	10.482	11.042	BV	20158	992901	100.00%	18.363%
7	13.065	12.948	13.126	VV	6562	298058	30.02%	5.512%
8	13.198	13.126	13.408	VV	12929	619355	62.38%	11.454%
9	13.925	13.697	14.053	BV	12381	590224	59.44%	10.916%
10	16.200	16.030	16.339	BV	11724	507971	51.16%	9.394%

Sum of corrected areas: 5407164

FB062325.M Wed Jul 09 06:17:05 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02
ProjectID: South River WM Replacement
Lab Code: ACE SDG No.: Q2484
DataFile: FB032024.D Analyst Name: YP/AJ Analyst Date: 07-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	4789999	26611	29754	10.563

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
 Data File : FB032024.D
 Signal(s) : FID2B.CH
 Acq On : 8 Jul 2025 19:01
 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: SAMPLE.e
 Quant Time: Jul 09 05:41:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
 Quant Title :
 QLast Update : Mon Jun 23 13:56:54 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	8.803	338942	21.970 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	598170	23.513 ng/ml
2) t 2,2,4-Trimethylpentane	7.432	796328	29.529 ng/ml
3) t n-Heptane	7.763	229271	9.189 ng/ml
4) t Benzene	7.901	316350	9.305 ng/ml
6) t Toluene	10.632	944772	26.421 ng/ml
7) t Ethylbenzene	13.068	281982	8.930 ng/ml
8) t m-Xylene	13.201	587388	17.908 ng/ml
9) t O-Xylene	13.928	559269	18.019 ng/ml
10) t 1,2,4-Trimethylbenzene	16.203	476469	18.020 ng/ml

(f)=RT Delta > 1/2 Window

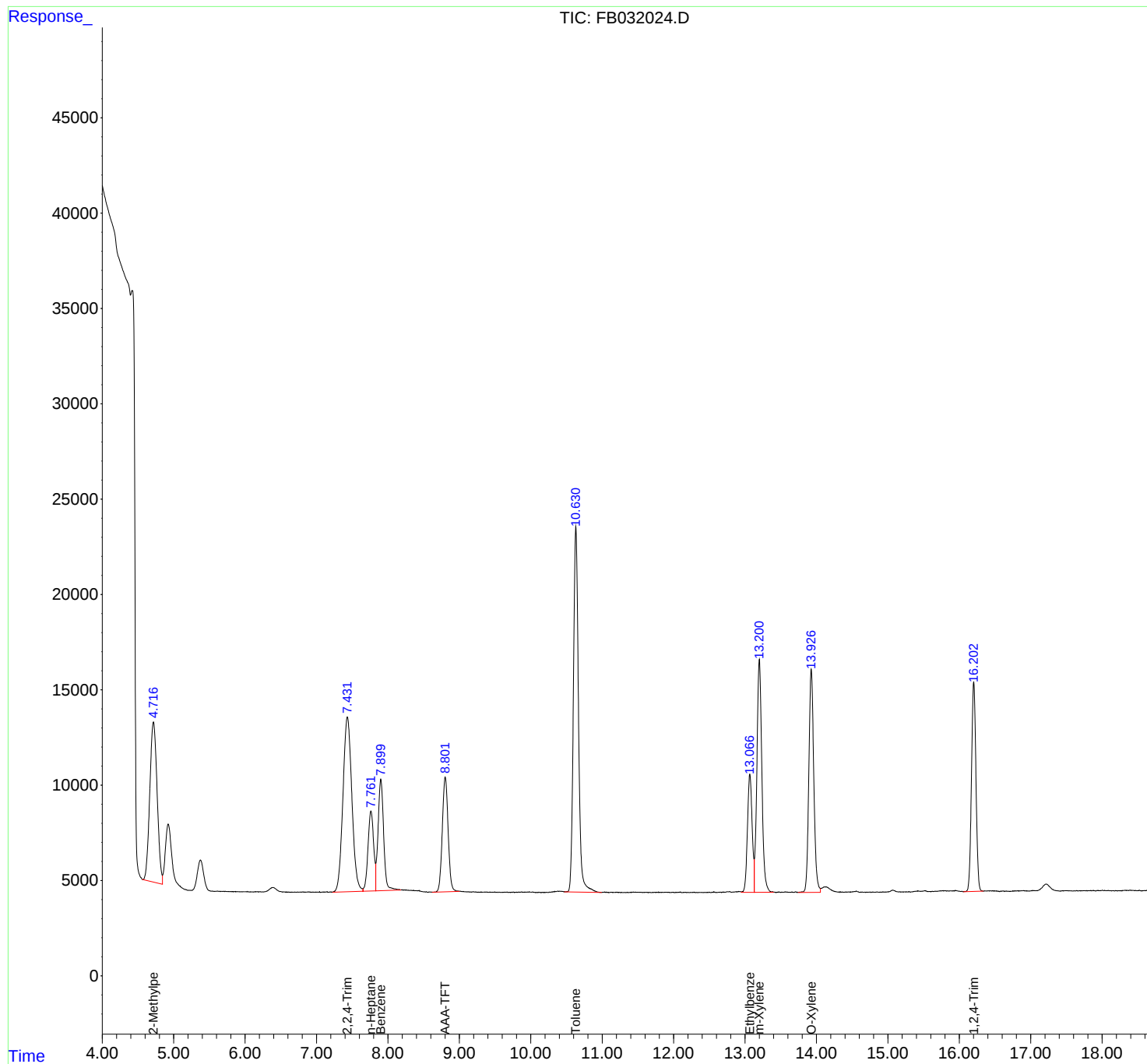
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032024.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 19:01
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: SAMPLE.e
Quant Time: Jul 09 05:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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\FB070825\
Data File : FB032024.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 19:01
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.559	4.844	BV	8398	598170	63.31%	11.663%
2	7.432	7.223	7.652	PV	9171	796328	84.29%	15.526%
3	7.763	7.652	7.829	VV	4197	229271	24.27%	4.470%
4	7.901	7.829	8.183	VV	5841	316350	33.48%	6.168%
5	8.803	8.620	9.004	BV	6019	338942	35.88%	6.608%
6	10.632	10.471	10.995	BV	19157	944772	100.00%	18.420%
7	13.068	12.948	13.129	VV	6197	281982	29.85%	5.498%
8	13.201	13.129	13.402	VV	12206	587388	62.17%	11.452%
9	13.928	13.741	14.056	PV	11707	559269	59.20%	10.904%
10	16.203	16.057	16.336	BV	10981	476469	50.43%	9.290%

Sum of corrected areas: 5128943

FB062325.M Wed Jul 09 06:18:39 2025

Analytical Sequence

Client: CDM Smith

SDG No.: Q2484

Project: South River WM Replacement

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 8.798					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	3 Jul 2025 9:45	FB031997.D	8.797	
VBF0703S1	VBF0703S1	3 Jul 2025 11:04	FB031998.D	8.801	
BSF0703S1	BSF0703S1	3 Jul 2025 11:59	FB032000.D	8.800	
TP-58	Q2484-01	3 Jul 2025 12:42	FB032001.D	8.802	
TP-57	Q2484-02	3 Jul 2025 13:10	FB032002.D	8.800	
TP-64	Q2484-03	3 Jul 2025 13:37	FB032003.D	8.800	
TP-106	Q2484-05	3 Jul 2025 14:32	FB032005.D	8.802	
TP-104	Q2484-06	3 Jul 2025 15:00	FB032006.D	8.802	
BSF0703S2	BSF0703S2	3 Jul 2025 15:28	FB032007.D	8.802	
20 PPB GRO STD	20 PPB GRO STD	3 Jul 2025 15:55	FB032008.D	8.803	
20 PPB GRO STD	20 PPB GRO STD	8 Jul 2025 13:27	FB032013.D	8.800	
VBF0708S2	VBF0708S2	8 Jul 2025 14:37	FB032015.D	8.801	
BSF0708S1	BSF0708S1	8 Jul 2025 15:04	FB032016.D	8.801	
TP-107	Q2484-04	8 Jul 2025 17:38	FB032021.D	8.797	
20 PPB GRO STD	20 PPB GRO STD	8 Jul 2025 19:01	FB032024.D	8.803	



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	VBF0703S1	SDG No.:	Q2484
Lab Sample ID:	VBF0703S1	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
FB031998.D	1	07/03/25 11:04	FB070325

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	19.6		50 - 150	98%	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\FB070325\
Data File : FB031998.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 11:04
Operator : YP/AJ
Sample : VBF0703S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.801	302116	19.583 ng/ml
Target Compounds			

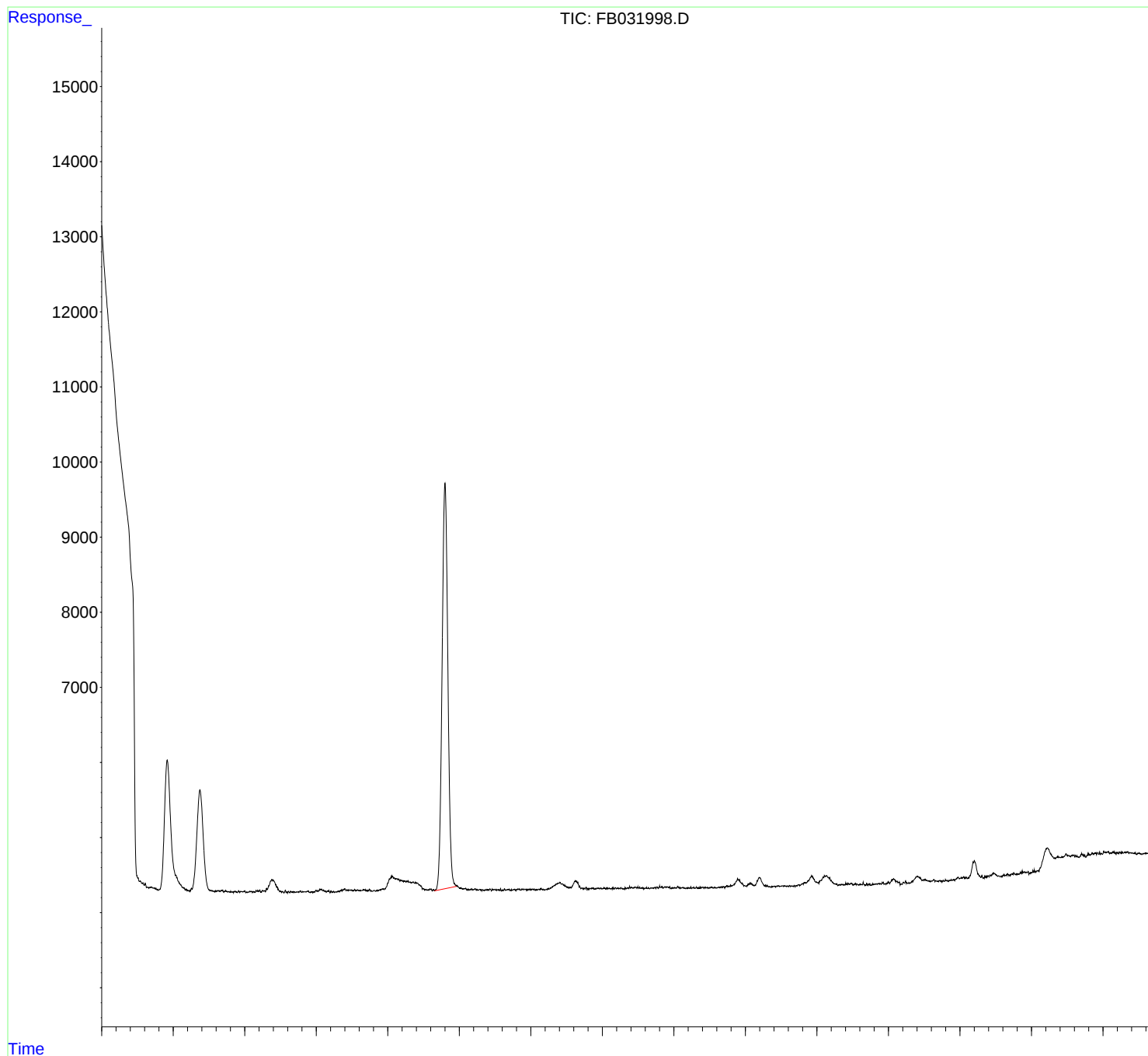
(f)=RT Delta > 1/2 Window

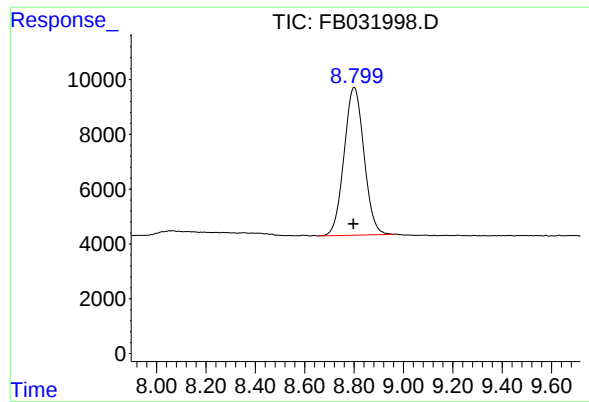
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB031998.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 11:04
Operator : YP/AJ
Sample : VBF0703S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.801 min
Delta R.T.: 0.003 min
Response: 302116
Conc: 19.58 ng/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB031998.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 11:04

Sample : VBF0703S1

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\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.801	8.655	8.959	PV	5399	302116	100.00%	100.000%
Sum of corrected areas:						302116		

FB062325.M Fri Jul 04 02:42:41 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	VBFO708S2	SDG No.:	Q2484
Lab Sample ID:	VBFO708S2	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
FB032015.D	50	07/08/25 14:37	FB070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	413	U	413	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.1		50 - 150	76%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032015.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 14:37
Operator : YP/AJ
Sample : VBF0708S2 50X
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0708S2

Integration File: SAMPLE.e
Quant Time: Jul 09 05:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.801	233435	15.131 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

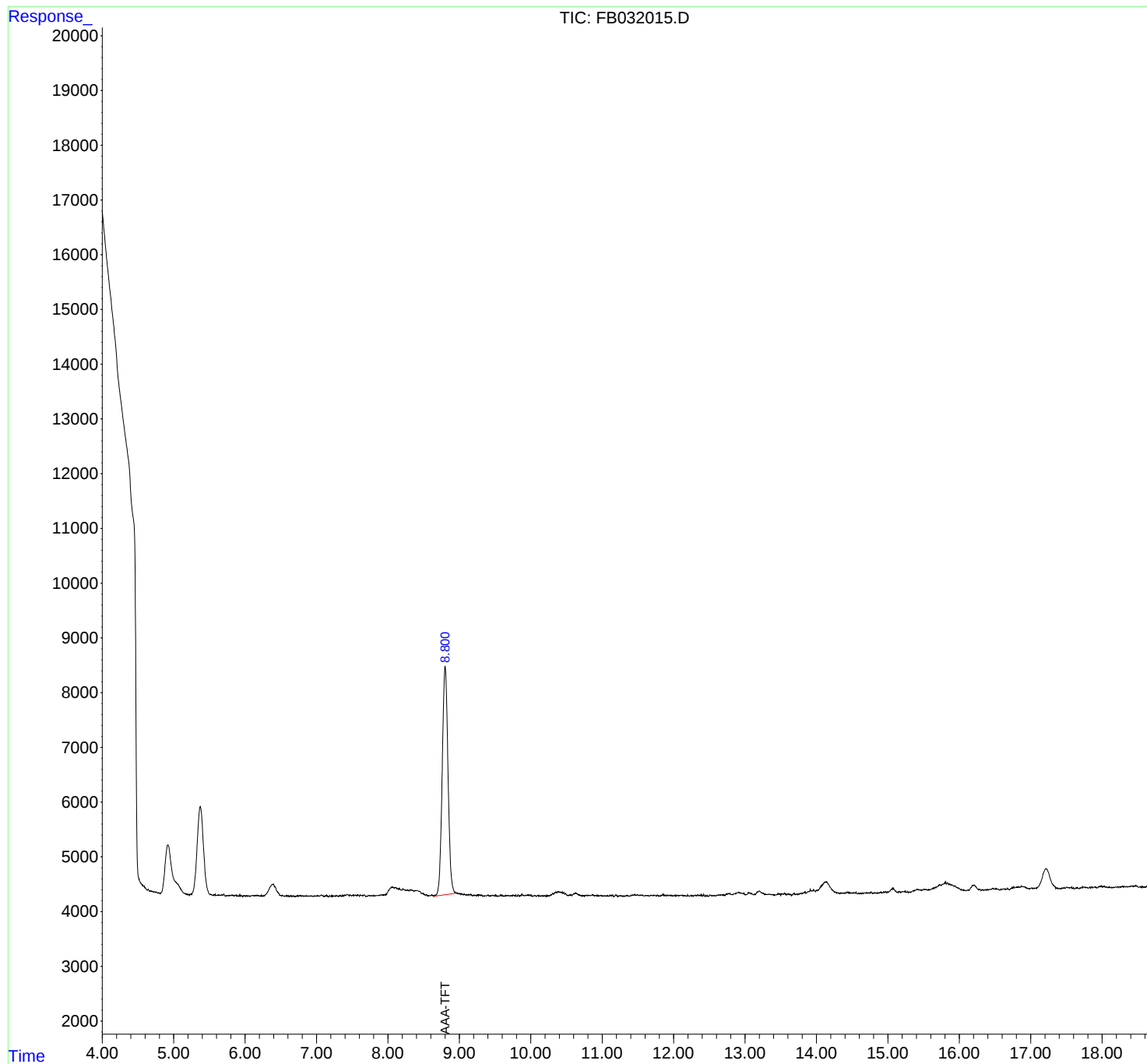
(m)=manual int.

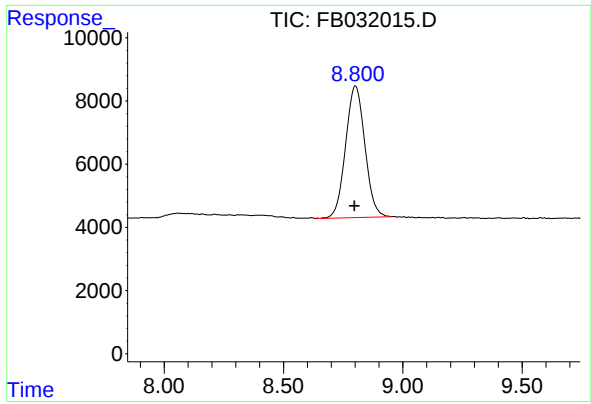
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032015.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 14:37
Operator : YP/AJ
Sample : VBF0708S2 50X
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0708S2

Integration File: SAMPLE.e
Quant Time: Jul 09 05:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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.: 8.801 min
Delta R.T.: 0.003 min
Response: 233435
Conc: 15.13 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF0708S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032015.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 14:37
Sample : VBF0708S2 50X
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.801	8.637	8.954	PV	4168	233435	100.00%	100.000%
Sum of corrected areas:							233435	

FB062325.M Wed Jul 09 06:17:30 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0703S1	SDG No.:	Q2484
Lab Sample ID:	BSF0703S1	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
FB032000.D	1	07/03/25 11:59	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	166		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.7		50 - 150	114%	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\FB070325\
Data File : FB032000.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 11:59
Operator : YP/AJ
Sample : BSF0703S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.800	350241	22.702 ng/ml
Target Compounds				
1) t	2-Methylpentane	4.718	655778	25.777 ng/ml
2) t	2,2,4-Trimethylpentane	7.431	798644	29.615 ng/ml
3) t	n-Heptane	7.761	240339	9.632 ng/ml
4) t	Benzene	7.898	323377	9.511 ng/ml
6) t	Toluene	10.629	968192	27.076 ng/ml
7) t	Ethylbenzene	13.065	287569	9.107 ng/ml
8) t	m-Xylene	13.198	600541	18.309 ng/ml
9) t	O-Xylene	13.925	572554	18.447 ng/ml
10) t	1,2,4-Trimethylbenzene	16.200	479049	18.118 ng/ml

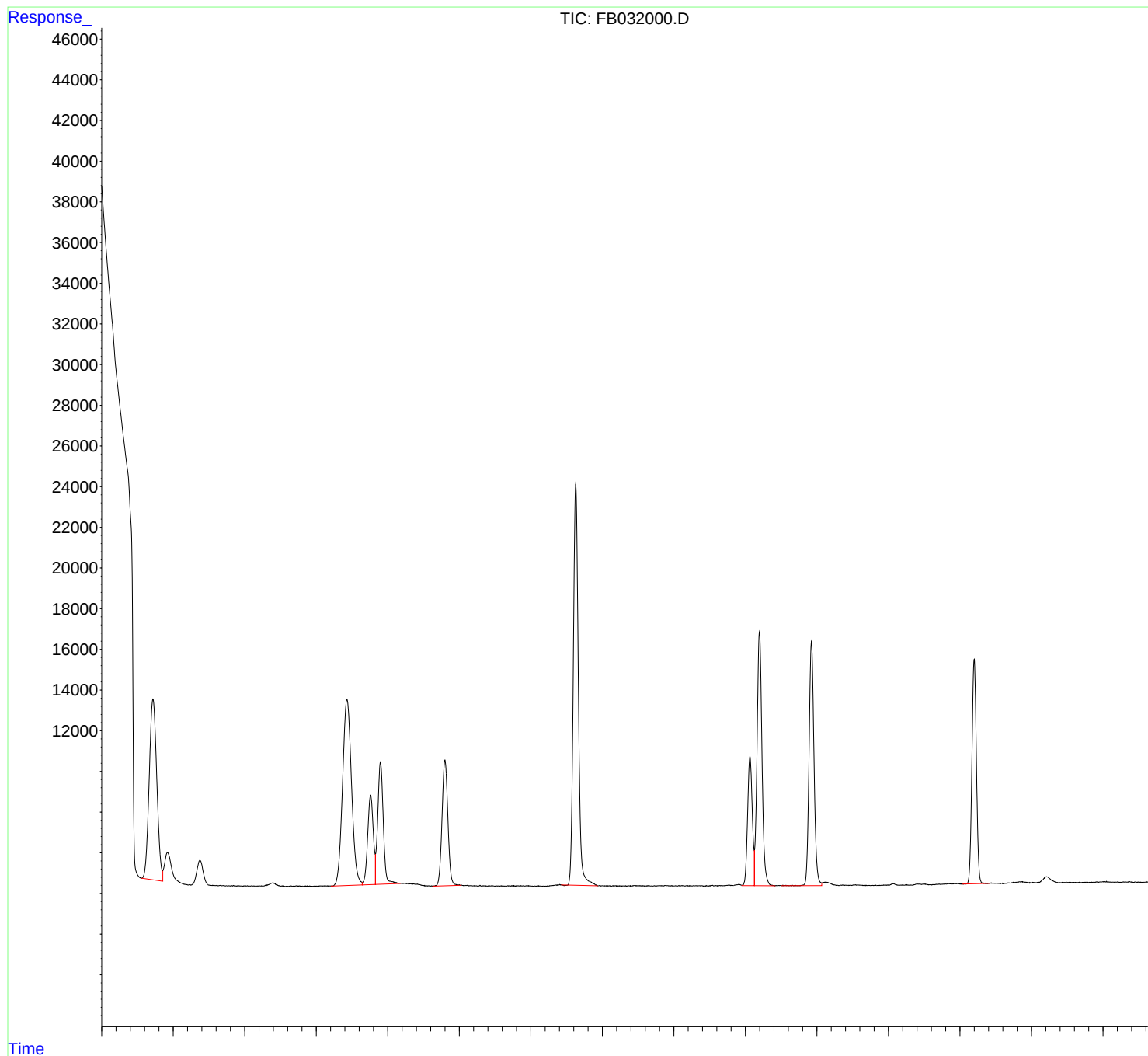
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032000.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 11:59
Operator : YP/AJ
Sample : BSF0703S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032000.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 11:59

Sample : BSF0703S1

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\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.554	4.854	BV	8888	655778	67.73%	12.429%
2	7.431	7.207	7.643	PV	9154	798644	82.49%	15.136%
3	7.761	7.643	7.828	VV	4396	240339	24.82%	4.555%
4	7.898	7.828	8.183	VV	6001	323377	33.40%	6.129%
5	8.800	8.626	9.027	PV	6187	350241	36.17%	6.638%
6	10.629	10.424	10.939	BV	19694	968192	100.00%	18.350%
7	13.065	12.950	13.126	VV	6351	287569	29.70%	5.450%
8	13.198	13.126	13.416	VB	12481	600541	62.03%	11.382%
9	13.925	13.502	14.068	BV	11987	572554	59.14%	10.851%
10	16.200	16.035	16.401	BBA	11029	479049	49.48%	9.079%

Sum of corrected areas: 5276286

FB062325.M Fri Jul 04 02:43:23 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0708S1	SDG No.:	Q2484
Lab Sample ID:	BSF0708S1	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
FB032016.D	1	07/08/25 15:04	FB070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	157		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.3		50 - 150	91%	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\FB070825\
 Data File : FB032016.D
 Signal(s) : FID2B.CH
 Acq On : 8 Jul 2025 15:04
 Operator : YP/AJ
 Sample : BSF0708S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF0708S1

Integration File: SAMPLE.e
 Quant Time: Jul 09 05:40:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
 Quant Title :
 QLast Update : Mon Jun 23 13:56:54 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	8.801	281695	18.259 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	608515	23.919 ng/ml
2) t 2,2,4-Trimethylpentane	7.433	757222	28.079 ng/ml
3) t n-Heptane	7.761	227086	9.101 ng/ml
4) t Benzene	7.900	312074	9.179 ng/ml
6) t Toluene	10.630	927861	25.948 ng/ml
7) t Ethylbenzene	13.066	271812	8.608 ng/ml
8) t m-Xylene	13.199	571045	17.410 ng/ml
9) t O-Xylene	13.926	545522	17.576 ng/ml
10) t 1,2,4-Trimethylbenzene	16.201	463981	17.548 ng/ml

(f)=RT Delta > 1/2 Window

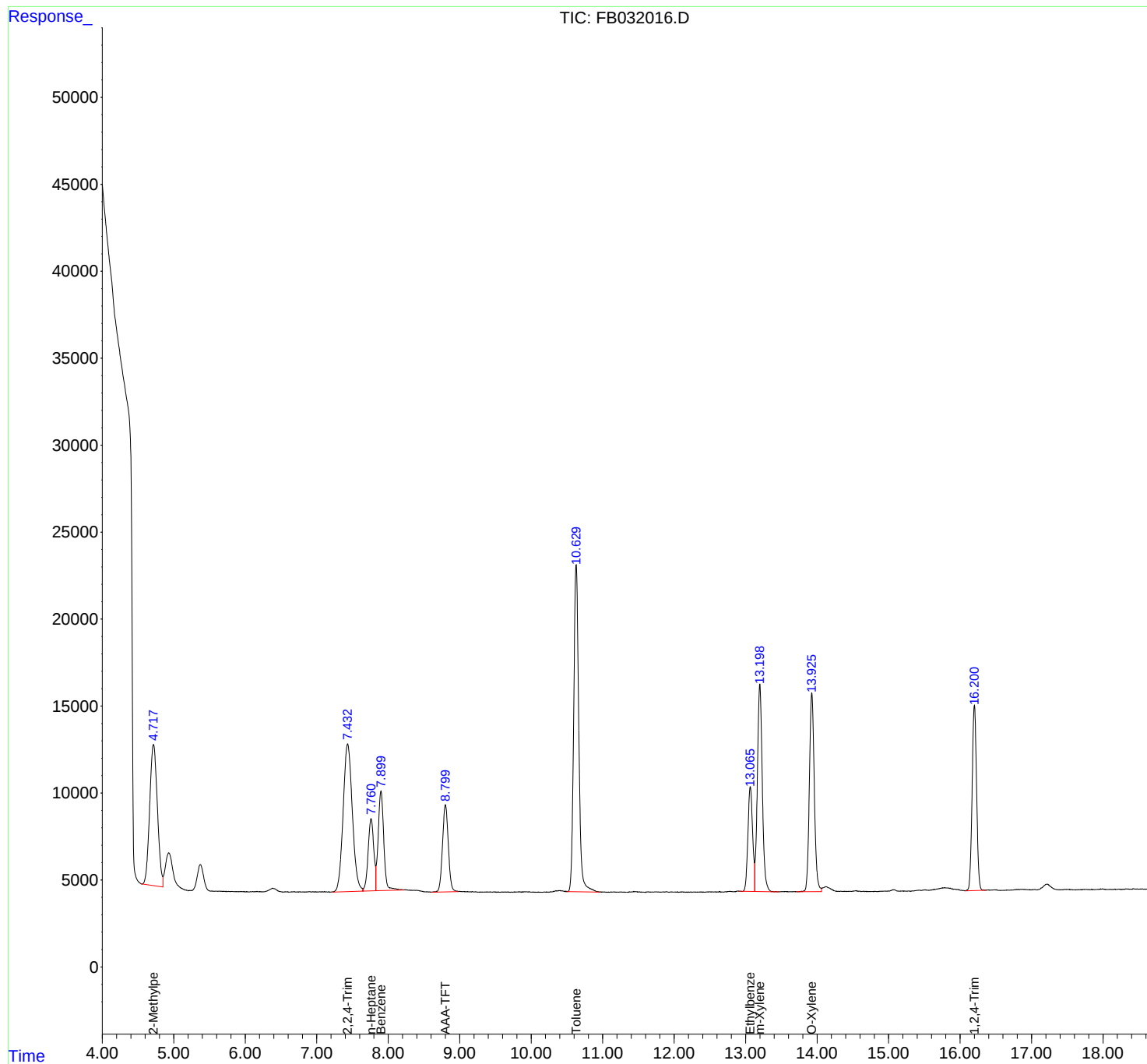
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070825\
Data File : FB032016.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 15:04
Operator : YP/AJ
Sample : BSF0708S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0708S1

Integration File: SAMPLE.e
Quant Time: Jul 09 05:40:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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\FB070825\
Data File : FB032016.D
Signal(s) : FID2B.CH
Acq On : 8 Jul 2025 15:04
Sample : BSF0708S1
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\FB062325.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.548	4.849	BV	8116	608515	65.58%	12.252%
2	7.433	7.227	7.647	VV	8497	757222	81.61%	15.246%
3	7.761	7.647	7.827	VV	4153	227086	24.47%	4.572%
4	7.900	7.827	8.220	VV	5732	312074	33.63%	6.283%
5	8.801	8.603	8.979	PV	5002	281695	30.36%	5.672%
6	10.630	10.499	10.959	BV	18804	927861	100.00%	18.681%
7	13.066	12.915	13.127	BV	6019	271812	29.29%	5.473%
8	13.199	13.127	13.472	VB	11934	571045	61.54%	11.497%
9	13.926	13.708	14.062	BV	11439	545522	58.79%	10.983%
10	16.201	16.074	16.361	PV	10644	463981	50.01%	9.342%

Sum of corrected areas: 4966813

FB062325.M Wed Jul 09 06:17:47 2025

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0703S2	SDG No.:	Q2484
Lab Sample ID:	BSF0703S2	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
FB032007.D	1	07/03/25 15:28	FB070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	172		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.5		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\FB070325\
Data File : FB032007.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:28
Operator : YP/AJ
Sample : BSF0703S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 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	8.802	286090	18.544 ng/ml
Target Compounds				
1) t	2-Methylpentane	4.717	674046	26.495 ng/ml
2) t	2,2,4-Trimethylpentane	7.435	827265	30.676 ng/ml
3) t	n-Heptane	7.761	251121	10.064 ng/ml
4) t	Benzene	7.900	339742	9.993 ng/ml
6) t	Toluene	10.631	1010119	28.249 ng/ml
7) t	Ethylbenzene	13.067	297528	9.422 ng/ml
8) t	m-Xylene	13.200	620771	18.926 ng/ml
9) t	O-Xylene	13.927	590646	19.030 ng/ml
10) t	1,2,4-Trimethylbenzene	16.203	502886	19.019 ng/ml

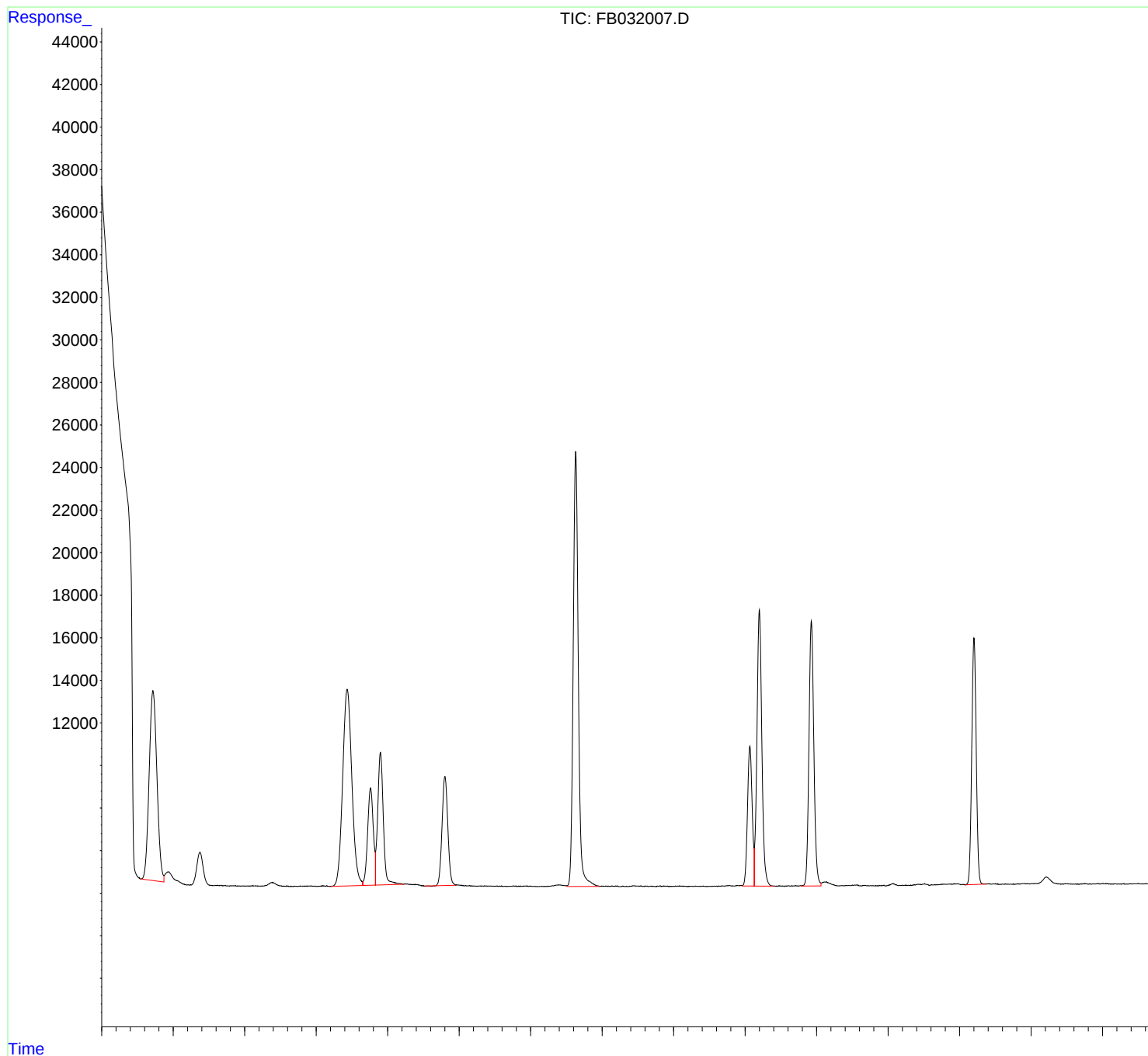
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\
Data File : FB032007.D
Signal(s) : FID2B.CH
Acq On : 3 Jul 2025 15:28
Operator : YP/AJ
Sample : BSF0703S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Jul 04 01:46:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB062325.M
Quant Title :
QLast Update : Mon Jun 23 13:56:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB070325\

Data File : FB032007.D

Signal(s) : FID2B.CH

Acq On : 3 Jul 2025 15:28

Sample : BSF0703S2

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\FB062325.M

Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.548	4.871	BV	8930	674046	66.73%	12.482%
2	7.435	7.204	7.652	BV	9240	827265	81.90%	15.319%
3	7.761	7.652	7.829	VV	4570	251121	24.86%	4.650%
4	7.900	7.829	8.228	VV	6232	339742	33.63%	6.291%
5	8.802	8.517	8.950	BV	5127	286090	28.32%	5.298%
6	10.631	10.507	10.967	VV	20428	1010119	100.00%	18.705%
7	13.067	12.962	13.129	VV	6575	297528	29.45%	5.510%
8	13.200	13.129	13.399	VV	12973	620771	61.46%	11.495%
9	13.927	13.786	14.062	VV	12446	590646	58.47%	10.937%
10	16.203	16.080	16.361	BV	11582	502886	49.78%	9.312%

Sum of corrected areas: 5400215

FB062325.M Fri Jul 04 02:43:57 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
20 PPB GRO STD		FB031997.D	FB070325	AAA-TFT	mohammad	7/8/2025 9:14:17 AM	Peak Integrated by Software incorrectly
Q2484-03		FB032003.D	FB070325	AAA-TFT	mohammad	7/8/2025 9:14:17 AM	Peak Integrated by Software incorrectly
Q2484-04		FB032009.D	FB070325	AAA-TFT	mohammad	7/8/2025 9:14:17 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB062325

Review By	yogesh	Review On	6/23/2025 3:07:11 PM
Supervise By	mohammad	Supervise On	6/25/2025 2:41:46 AM
SubDirectory	FB062325	HP Acquire Method	HP Processing Method FB062325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031909.D	23 Jun 2025 12:17	YP/AJ	Ok
2	10 GRO STD	FB031910.D	23 Jun 2025 12:44	YP/AJ	Ok
3	20 GRO STD	FB031911.D	23 Jun 2025 13:12	YP/AJ	Ok
4	50 GRO STD	FB031912.D	23 Jun 2025 13:40	YP/AJ	Ok
5	100 GRO STD	FB031913.D	23 Jun 2025 14:07	YP/AJ	Ok
6	FB062325GROICV	FB031914.D	23 Jun 2025 14:48	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB070325

Review By	yogesh	Review On	7/3/2025 1:10:27 PM
Supervise By	mohammad	Supervise On	7/8/2025 9:14:17 AM
SubDirectory	FB070325	HP Acquire Method	HP Processing Method FB062325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661		
CCC Internal Standard/PEM	PP24680,PP24681,PP24682		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031997.D	3 Jul 2025 9:45	YP/AJ	Ok,M
2	VBF0703S1	FB031998.D	3 Jul 2025 11:04	YP/AJ	Ok
3	VBF0703S2	FB031999.D	3 Jul 2025 11:32	YP/AJ	Ok
4	BSF0703S1	FB032000.D	3 Jul 2025 11:59	YP/AJ	Ok
5	Q2484-01	FB032001.D	3 Jul 2025 12:42	YP/AJ	Ok
6	Q2484-02	FB032002.D	3 Jul 2025 13:10	YP/AJ	Ok
7	Q2484-03	FB032003.D	3 Jul 2025 13:37	YP/AJ	Ok,M
8	Q2484-04	FB032004.D	3 Jul 2025 14:05	YP/AJ	Not Ok
9	Q2484-05	FB032005.D	3 Jul 2025 14:32	YP/AJ	Ok
10	Q2484-06	FB032006.D	3 Jul 2025 15:00	YP/AJ	Ok
11	BSF0703S2	FB032007.D	3 Jul 2025 15:28	YP/AJ	Ok
12	20 PPB GRO STD	FB032008.D	3 Jul 2025 15:55	YP/AJ	Ok
13	Q2484-04	FB032009.D	3 Jul 2025 16:51	YP/AJ	Not Ok
14	Q2487-09	FB032010.D	3 Jul 2025 17:19	YP/AJ	Not Ok
15	Q2487-10	FB032011.D	3 Jul 2025 17:47	YP/AJ	Not Ok
16	Q2487-11	FB032012.D	3 Jul 2025 18:14	YP/AJ	Not Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB070825

Review By	yogesh	Review On	7/8/2025 2:58:57 PM
Supervise By		Supervise On	
SubDirectory	FB070825	HP Acquire Method	HP Processing Method FB062325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661		
CCC Internal Standard/PEM	PP24702,PP24703,PP24704		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB032013.D	8 Jul 2025 13:27	YP/AJ	Ok
2	VBF0708S1	FB032014.D	8 Jul 2025 14:09	YP/AJ	Ok
3	VBF0708S2	FB032015.D	8 Jul 2025 14:37	YP/AJ	Ok
4	BSF0708S1	FB032016.D	8 Jul 2025 15:04	YP/AJ	Ok
5	Q2487-13	FB032017.D	8 Jul 2025 15:47	YP/AJ	Not Ok
6	Q2487-14	FB032018.D	8 Jul 2025 16:15	YP/AJ	Not Ok
7	Q2487-15	FB032019.D	8 Jul 2025 16:43	YP/AJ	Not Ok
8	Q2487-16	FB032020.D	8 Jul 2025 17:10	YP/AJ	Not Ok
9	Q2484-04	FB032021.D	8 Jul 2025 17:38	YP/AJ	Ok
10	Q2487-09	FB032022.D	8 Jul 2025 18:05	YP/AJ	Not Ok
11	BSF0708S2	FB032023.D	8 Jul 2025 18:33	YP/AJ	Ok
12	20 PPB GRO STD	FB032024.D	8 Jul 2025 19:01	YP/AJ	Ok
13	Q2487-10	FB032025.D	8 Jul 2025 20:23	YP/AJ	Not Ok
14	Q2487-11	FB032026.D	8 Jul 2025 20:50	YP/AJ	Not Ok
15	Q2487-12	FB032027.D	8 Jul 2025 21:18	YP/AJ	Not Ok
16	Q2514-01	FB032028.D	8 Jul 2025 21:46	YP/AJ	Not Ok
17	Q2514-02	FB032029.D	8 Jul 2025 22:13	YP/AJ	Not Ok
18	Q2514-03	FB032030.D	8 Jul 2025 22:40	YP/AJ	Not Ok
19	Q2514-04	FB032031.D	8 Jul 2025 23:07	YP/AJ	Not Ok
20	Q2514-05	FB032032.D	8 Jul 2025 23:34	YP/AJ	Not Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB062325

Review By	yogesh	Review On	6/23/2025 3:07:11 PM
Supervise By	mohammad	Supervise On	6/25/2025 2:41:46 AM
SubDirectory	FB062325	HP Acquire Method	HP Processing Method
			FB062325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031909.D	23 Jun 2025 12:17		YP/AJ	Ok
2	10 GRO STD		FB031910.D	23 Jun 2025 12:44		YP/AJ	Ok
3	20 GRO STD		FB031911.D	23 Jun 2025 13:12		YP/AJ	Ok
4	50 GRO STD		FB031912.D	23 Jun 2025 13:40		YP/AJ	Ok
5	100 GRO STD		FB031913.D	23 Jun 2025 14:07		YP/AJ	Ok
6	FB062325GROICV		FB031914.D	23 Jun 2025 14:48		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB070325

Review By	yogesh	Review On	7/3/2025 1:10:27 PM
Supervise By	mohammad	Supervise On	7/8/2025 9:14:17 AM
SubDirectory	FB070325	HP Acquire Method	HP Processing Method
			FB062325

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661
CCC Internal Standard/PEM	PP24680,PP24681,PP24682
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031997.D	3 Jul 2025 9:45		YP/AJ	Ok,M
2	VBF0703S1		FB031998.D	3 Jul 2025 11:04		YP/AJ	Ok
3	VBF0703S2		FB031999.D	3 Jul 2025 11:32		YP/AJ	Ok
4	BSF0703S1		FB032000.D	3 Jul 2025 11:59		YP/AJ	Ok
5	Q2484-01		FB032001.D	3 Jul 2025 12:42	Vial-A	YP/AJ	Ok
6	Q2484-02		FB032002.D	3 Jul 2025 13:10	Vial-A	YP/AJ	Ok
7	Q2484-03		FB032003.D	3 Jul 2025 13:37	Vial-A	YP/AJ	Ok,M
8	Q2484-04		FB032004.D	3 Jul 2025 14:05	Vial-A, Not Purged	YP/AJ	Not Ok
9	Q2484-05		FB032005.D	3 Jul 2025 14:32	Vial-A	YP/AJ	Ok
10	Q2484-06		FB032006.D	3 Jul 2025 15:00	Vial-A	YP/AJ	Ok
11	BSF0703S2		FB032007.D	3 Jul 2025 15:28		YP/AJ	Ok
12	20 PPB GRO STD		FB032008.D	3 Jul 2025 15:55		YP/AJ	Ok
13	Q2484-04		FB032009.D	3 Jul 2025 16:51	End CCC missing	YP/AJ	Not Ok
14	Q2487-09		FB032010.D	3 Jul 2025 17:19	End CCC missing	YP/AJ	Not Ok
15	Q2487-10		FB032011.D	3 Jul 2025 17:47	End CCC missing	YP/AJ	Not Ok
16	Q2487-11		FB032012.D	3 Jul 2025 18:14	End CCC missing	YP/AJ	Not Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB070825

Review By	yogesh	Review On	7/8/2025 2:58:57 PM
Supervise By		Supervise On	
SubDirectory	FB070825	HP Acquire Method	HP Processing Method FB062325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661		
CCC Internal Standard/PEM	PP24702,PP24703,PP24704		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB032013.D	8 Jul 2025 13:27		YP/AJ	Ok
2	VBF0708S1		FB032014.D	8 Jul 2025 14:09		YP/AJ	Ok
3	VBF0708S2		FB032015.D	8 Jul 2025 14:37		YP/AJ	Ok
4	BSF0708S1		FB032016.D	8 Jul 2025 15:04		YP/AJ	Ok
5	Q2487-13		FB032017.D	8 Jul 2025 15:47	vial-A , surr fail	YP/AJ	Not Ok
6	Q2487-14		FB032018.D	8 Jul 2025 16:15	vial-A , not purged	YP/AJ	Not Ok
7	Q2487-15		FB032019.D	8 Jul 2025 16:43	vial-A , not purged	YP/AJ	Not Ok
8	Q2487-16		FB032020.D	8 Jul 2025 17:10	vial-A , not purged	YP/AJ	Not Ok
9	Q2484-04		FB032021.D	8 Jul 2025 17:38	vial-C	YP/AJ	Ok
10	Q2487-09		FB032022.D	8 Jul 2025 18:05	vial-B , not purged	YP/AJ	Not Ok
11	BSF0708S2		FB032023.D	8 Jul 2025 18:33		YP/AJ	Ok
12	20 PPB GRO STD		FB032024.D	8 Jul 2025 19:01		YP/AJ	Ok
13	Q2487-10		FB032025.D	8 Jul 2025 20:23	vial-B , not purged , end ccc missing	YP/AJ	Not Ok
14	Q2487-11		FB032026.D	8 Jul 2025 20:50	vial-B , not purged ,end ccc missing	YP/AJ	Not Ok
15	Q2487-12		FB032027.D	8 Jul 2025 21:18	vial-A , not purged ,end ccc missing	YP/AJ	Not Ok
16	Q2514-01		FB032028.D	8 Jul 2025 21:46	vial-A , not purged ,end ccc missing	YP/AJ	Not Ok
17	Q2514-02		FB032029.D	8 Jul 2025 22:13	vial-A , not purged ,end ccc missing	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB070825

Review By	yogesh	Review On	7/8/2025 2:58:57 PM
Supervise By		Supervise On	
SubDirectory	FB070825	HP Acquire Method	HP Processing Method FB062325

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24110,PP24656,PP24658,PP24659,PP24660,PP24661
CCC Internal Standard/PEM	PP24702,PP24703,PP24704
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24111,PP24662

18	Q2514-03		FB032030.D	8 Jul 2025 22:40	vial-A ,end ccc missing	YP/AJ	Not Ok
19	Q2514-04		FB032031.D	8 Jul 2025 23:07	vial-A ,end ccc missing	YP/AJ	Not Ok
20	Q2514-05		FB032032.D	8 Jul 2025 23:34	vial-A , not purged ,end ccc missing	YP/AJ	Not Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2480-01	GPX1	1	1.15	10.52	11.67	10.44	88.3	
Q2480-02	GPX2	2	1.19	10.60	11.79	10.66	89.3	
Q2480-03	GPX3	3	1.15	10.84	11.99	10.77	88.7	
Q2480-04	GPX4	4	1.13	10.84	11.97	10.66	87.9	
Q2480-05	GPX5	5	1.13	10.53	11.66	10.55	89.5	
Q2480-06	GPX6	6	1.17	10.56	11.73	10.35	86.9	
Q2480-07	GPX7	7	1.18	10.59	11.77	10.48	87.8	
Q2480-08	GPX8	8	1.18	10.37	11.55	10.22	87.2	
Q2484-01	TP-58	9	1.19	10.77	11.96	10.47	86.2	
Q2484-02	TP-57	10	1.18	10.22	11.4	9.97	86.0	
Q2484-03	TP-64	11	1.16	10.50	11.66	10.44	88.4	
Q2484-04	TP-107	12	1.13	10.69	11.82	10.09	83.8	
Q2484-05	TP-1006	13	1.14	10.48	11.62	10.35	87.9	
Q2484-06	TP-104	14	1.15	10.29	11.44	10.13	87.3	
Q2486-01	WASTE	15	1.16	10.31	11.47	9.77	83.5	
Q2486-02	VOC	16	1.18	11.32	12.5	10.65	83.7	
Q2486-03	1	17	1.15	10.80	11.95	10.24	84.2	
Q2486-04	2	18	1.13	10.46	11.59	9.74	82.3	
Q2486-05	3	19	1.13	10.78	11.91	10.12	83.4	
Q2486-06	4	20	1.19	10.00	11.19	9.65	84.6	
Q2486-07	5	21	1.19	10.26	11.45	8.79	74.1	
Q2491-01	EO-1-070225	22	1.19	10.51	11.7	10.9	92.4	
Q2491-02	EO-1-070225-E2	23	1.15	10.14	11.29	10.5	92.2	
Q2492-01	VNJ-254-1	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2492-02	VNJ-254-2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2493-01	WC-11	26	1.13	10.45	11.58	10.4	88.7	
Q2493-02	WC-11-EPH	27	1.19	10.23	11.42	9.72	83.4	
Q2493-03	WC-11-VOC	28	1.14	9.89	11.03	10.2	91.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2494-01	Playhouse/Storag	35	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2494-02	Playhouse/Storag	36	1.00	1.00	2.00	2.00	100.0	chair form
Q2494-03	Garage Seat Foa	37	1.00	1.00	2.00	2.00	100.0	seat form
Q2494-04	Black foam in Sou	38	1.00	1.00	2.00	2.00	100.0	black form
Q2494-05	Kids Room styof	39	1.00	1.00	2.00	2.00	100.0	yellow form
Q2494-06	Kids Room Lower	40	1.00	1.00	2.00	2.00	100.0	form
Q2494-07	Kids Room styof	41	1.00	1.00	2.00	2.00	100.0	styra form
Q2494-08	Dog Beg Foam	42	1.00	1.00	2.00	2.00	100.0	bag form
Q2494-09	Cotton Layer - Ott	43	1.00	1.00	2.00	2.00	100.0	cotton layer
Q2494-10	Foam Ottoman	44	1.00	1.00	2.00	2.00	100.0	form ottoman
Q2494-11	Foyer North Wall	45	1.00	1.00	2.00	2.00	100.0	foyer north wall plug
Q2494-12	NE Stucco Exterio	46	1.00	1.00	2.00	2.00	100.0	stucco exterior
Q2494-13	Master Mattress	47	1.00	1.00	2.00	2.00	100.0	mattress
Q2495-01	Chair Foam Parke	48	1.00	1.00	2.00	2.00	100.0	chair form
Q2495-02	SE Bedroom (3rd	49	1.00	1.00	2.00	2.00	100.0	mattress
Q2495-03	E Bedroom Ceilin	50	1.00	1.00	2.00	2.00	100.0	ceiling plug
Q2495-04	South East Ceilining	51	1.00	1.00	2.00	2.00	100.0	east selling plug
Q2495-05	Master Bathroom	52	1.00	1.00	2.00	2.00	100.0	selling plug
Q2495-06	3rd Fl Hallway N	53	1.00	1.00	2.00	2.00	100.0	hoalway selling
Q2495-07	SE Bedroom Park	54	1.00	1.00	2.00	2.00	100.0	bedrom plug
Q2495-08	Family Room SW	55	1.00	1.00	2.00	2.00	100.0	family plug
Q2495-09	Foyer SE Corner P	56	1.00	1.00	2.00	2.00	100.0	foyer plug
Q2495-10	Green Carpet Pad	57	1.00	1.00	2.00	2.00	100.0	green carpet pad
Q2495-11	Rug in Dining Roo	58	1.00	1.00	2.00	2.00	100.0	rug
Q2495-12	LR Couch Cushion	59	1.00	1.00	2.00	2.00	100.0	couch cushion
Q2495-13	Dining Room W	60	1.00	1.00	2.00	2.00	100.0	wood and foam
Q2495-14	Kitchen Dining E	61	1.00	1.00	2.00	2.00	100.0	kithean rug
Q2495-15	Garage Southwes	62	1.00	1.00	2.00	2.00	100.0	plug

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2495-16	Zack"s Matterss	63	1.00	1.00	2.00	2.00	100.0	mattess
Q2495-17	Zack"s Couch	64	1.00	1.00	2.00	2.00	100.0	zacks couch
Q2496-02	N exterior center	65	1.00	1.00	2.00	2.00	100.0	stucco wall
Q2496-03	Basement south	66	1.00	1.00	2.00	2.00	100.0	wall cavity stucc
Q2496-04	Entertainment ro	67	1.00	1.00	2.00	2.00	100.0	hvac close
Q2496-05	Black mat outside	68	1.00	1.00	2.00	2.00	100.0	outside mat
Q2496-06	Basement bedroom	69	1.00	1.00	2.00	2.00	100.0	bedrom form
Q2496-07	Basement bedroom-1	70	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-08	Basement bedroom-2	71	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-09	Maeve"s room ma	72	1.00	1.00	2.00	2.00	100.0	mattess
Q2496-10	Master bedroom	73	1.00	1.00	2.00	2.00	100.0	rug
Q2496-11	Master bedroom-1	74	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-12	Master bedroom-2	75	1.00	1.00	2.00	2.00	100.0	mattess form
Q2496-13	Master bedroom-3	76	1.00	1.00	2.00	2.00	100.0	office chair form
Q2496-14	SE bedroom brow	77	1.00	1.00	2.00	2.00	100.0	form
Q2496-15	SE bedroom gray	78	1.00	1.00	2.00	2.00	100.0	gray cushion
Q2496-16	Maeves room gre	79	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-17	Master bedroom-4	80	1.00	1.00	2.00	2.00	100.0	plug
Q2496-18	3rd floor roof ent	81	1.00	1.00	2.00	2.00	100.0	plug
Q2496-19	Living room couc	82	1.00	1.00	2.00	2.00	100.0	couch form
Q2496-20	Living room 2 sea	83	1.00	1.00	2.00	2.00	100.0	form
Q2496-21	Office leather cha	84	1.00	1.00	2.00	2.00	100.0	form
Q2496-22	Pink shoe sole	85	1.00	1.00	2.00	2.00	100.0	shoe sole
Q2496-23	Living room rug S	86	1.00	1.00	2.00	2.00	100.0	rug
Q2496-24	Dining room NE c	87	1.00	1.00	2.00	2.00	100.0	plug
Q2497-01	SW bedroom (San	88	1.00	1.00	2.00	2.00	100.0	plug
Q2497-02	Salman s room SE	89	1.00	1.00	2.00	2.00	100.0	plug compossi
Q2497-03	Sanah s room bed	90	1.00	1.00	2.00	2.00	100.0	sanah form

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2497-04	Salman s room m	91	1.00	1.00	2.00	2.00	100.0	mattess form
Q2497-05	Master bed mattr	92	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-06	Kaihaan s room m	93	1.00	1.00	2.00	2.00	100.0	form
Q2497-07	Garage foam yog	94	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-08	Living room west	95	1.00	1.00	2.00	2.00	100.0	form
Q2497-09	Entrance rug	96	1.00	1.00	2.00	2.00	100.0	rug
Q2497-10	south exterior re	97	1.00	1.00	2.00	2.00	100.0	form
Q2497-11	Garage gym floor	98	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-12	Rug by the back d	99	1.00	1.00	2.00	2.00	100.0	rug
Q2497-13	Guest bed mattre	100	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-14	Garage backyard	101	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-15	LR SW conner chai	102	1.00	1.00	2.00	2.00	100.0	form
Q2497-16	Living room NE co	103	1.00	1.00	2.00	2.00	100.0	catters
Q2497-17	Dining room SW c	104	1.00	1.00	2.00	2.00	100.0	chair form
Q2497-18	LR SW rug corner	105	1.00	1.00	2.00	2.00	100.0	rug
Q2497-19	LR west wall plug	106	1.00	1.00	2.00	2.00	100.0	plug
Q2497-20	LR NE corner plug	107	1.00	1.00	2.00	2.00	100.0	plug
Q2497-21	office east wall pl	108	1.00	1.00	2.00	2.00	100.0	plug
Q2497-22	Bedroom north w	109	1.00	1.00	2.00	2.00	100.0	plug
Q2497-23	Kitchen ceiling pl	110	1.00	1.00	2.00	2.00	100.0	ceilling plug
Q2498-01	NE Bd bed foam	111	1.00	1.00	2.00	2.00	100.0	bedrom form
Q2498-02	NE Bd pillow foa	112	1.00	1.00	2.00	2.00	100.0	form
Q2498-03	Master bed NE m	113	1.00	1.00	2.00	2.00	100.0	mattess
Q2500-01	X600-B2	29	1.15	10.84	11.99	11.24	93.1	
Q2500-02	X600-S2	30	1.19	10.36	11.55	10.6	90.8	
Q2500-03	X600-B1	31	1.13	10.42	11.55	11.02	94.9	
Q2500-04	X600-S1	32	1.13	10.32	11.45	10.6	91.8	
Q2500-05	X600-DUP1	33	1.14	10.85	11.99	11.3	93.6	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2500-06	X600-S3	34	1.11	10.71	11.82	11.18	94.0	

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

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2480-01	GPX1	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-02	GPX2	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-03	GPX3	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-04	GPX4	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-05	GPX5	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-06	GPX6	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-07	GPX7	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-08	GPX8	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-01	TP-58	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-02	TP-57	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-03	TP-64	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-04	TP-107	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-05	TP-1008	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-06	TP-104	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-01	WASTE	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: 8690C

Raw Sample Relinquished by: 8690C

Date/Time 07/02/25

Raw Sample Received by: 8690C

Raw Sample Relinquished by: 8690C

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2491-01	EO-1-070225	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2491-02	EO-1-070225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-01	VNJ-254-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-02	VNJ-254-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2493-01	WC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2493-02	WC-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2493-03	WC-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2494-01	Playhouse/Storage	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-02	Playhouse/Storage	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-03	Garage Seat Foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-04	Black foam in Sou	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-05	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-06	Kids Room Lower	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-07	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-08	Dog Beg Foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-09	Cotton Layer - Ott	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-10	Foam Ottoman	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-11	Foyer North Wall	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-12	NE Stucco Exterio	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-13	Master Mattress	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2495-01	Chair Foam Parke	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:13

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2495-02	SE Bedroom (3rd	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-03	E Bedroom Ceilin	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-04	South East Ceiling	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-05	Master Bathroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-06	3rd Fl Hallway N	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-07	SE Bedroom Park	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-08	Family Room SW	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-09	Foyer SE Corner P	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-10	Green Carpet Pad	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-11	Rug in Dining Roo	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-12	LR Couch Cushion	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-13	Dining Room W	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-14	Kitchen Dining E	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-15	Garage Southwes	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-16	Zack's Matterss	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-17	Zack's Couch	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-02	N exterior center	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-03	Basement south	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-04	Entertainment ro	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-05	Black mat outside	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-06	Basement bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

17136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2496-07	Basement bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-08	Basement bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-09	Maeve's room ma	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-10	Master bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-11	Master bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-12	Master bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-13	Master bedroom-3	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-14	SE bedroom brow	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-15	SE bedroom gray	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-16	Maeves room gre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-17	Master bedroom-4	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-18	3rd floor roof ent	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-19	Living room couc	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-20	Living room 2 sea	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-21	Office leather cha	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-22	Pink shoe sole	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-23	Living room rug S	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-24	Dining room NE c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-01	SW bedroom (San	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-02	Salman s room SE	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-03	Sanah s room bed	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO

Date/Time 07/02/25 15:00
 Raw Sample Received by: SS WWC
 Raw Sample Relinquished by: SS WWC

Date/Time 07/02/25 17:35
 Raw Sample Received by: SS WWC
 Raw Sample Relinquished by: SS WWC

WORKLIST(Hardcopy Internal Chain)

NR136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2497-04	Salman s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-05	Master bed matr	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-06	Kaihaan s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-07	Garage foam yog	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-08	Living room west	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-09	Entrance rug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-10	south exterior re	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-11	Garage gym floor	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-12	Rug by the back d	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-13	Guest bed matre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-14	Garage backyard	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-15	LR SW conner chai	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-16	Living room NE co	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-17	Dining room SW c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-18	LR SW rug corner	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-19	LR west wall plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-20	LR NE corner plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-21	office east wall pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-22	Bedroom north w	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-23	Kitchen ceiling pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2498-01	NE Bd bed foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO

Date/Time 07/02/25 15:00
 Raw Sample Received by: SR WWC
 Raw Sample Relinquished by: [Signature] SH

Date/Time 07/02/25 17:35
 Raw Sample Received by: [Signature] SH
 Raw Sample Relinquished by: SR WWC

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2498-02	NE Bd pillow foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2498-03	Master bed NE m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2500-01	X600-B2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-02	X600-S2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-03	X600-B1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-04	X600-S1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-05	X600-DUP1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-06	X600-S3	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX:

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 7325904679 FAX:

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

☐ 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 _____

TOL VOC
TOL SVOC
TAL METALS
PCBS
PESTICIDES
HERBICIDES
DRUGS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-58	S		X	7/1/05	0800		X	X	X	X	X	X	X			E
2.	TP-57	S		X	7/1/05	0840	6	X	X	X	X	X	X	X			E
3.	TP-64	S		X	7/1/05	0930	6	X	X	X	X	X	X	X			E
4.	TP-107	S		X	7/1/05	1040	6	X	X	X	X	X	X	X			E
5.	TP-106	S		X	7/1/05	1145	6	X	X	X	X	X	X	X			E
6.	TP-104	S		X	7/1/05	1240	6	X	X	X	X	X	X	X			E
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME: 7/1/05 1510	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.6 °C
1. [Signature]		1. [Signature]	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. [Signature]		2. [Signature]	
RELINQUISHED BY SAMPLER:	DATE/TIME: 7.1.25	RECEIVED BY: [Signature]	
3. [Signature]		3. [Signature]	

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 : Q2484 CAMP02

Order Date : 7/2/2025 9:23:00 AM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 2 *af*

Client Contact : Marcie Ann Encinas

Receive DateTime : 7/1/2025 4:54:00 PM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2484-01	TP-58	Solid	07/01/2025	08:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2484-02	TP-57	Solid	07/01/2025	08:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2484-03	TP-64	Solid	07/01/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2484-04	TP-107	Solid	07/01/2025	10:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2484-05	TP-106 <i>106 af</i>	Solid	07/01/2025	11:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2484-06	TP-104	Solid	07/01/2025	12:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days