284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 is 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

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LAB CHRONICLE

OrderID:	Q3123	**OrderDate:**	9/16/2025 3:31:49 PM
Client:	CDM Smith	**Project:**	Con Edison FOPL2
Contact:	Marcie Ann Encinas	**Location:**	J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3123-01	**TP-2**	**SOIL**			**09/16/25**			**09/16/25**
			Gasoline Range Organics	8015D			09/22/25	
			EPH	NJEPH		09/22/25	09/22/25	

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: CDM Smith

Lab Code: ACE SDG No.: Q3123

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0922S1	103				0
TP-2	77				0
BSF0922S1	102				0
BSF0922S2	101				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

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

Lab Name: Alliance **Client:** CDM Smith

Lab Code: ACE **SDG No:** Q3123

Client Sample ID : BSF0922S1 **Datafile:** FB032226.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	185	103	50-150

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

Lab Name: Alliance **Client:** CDM Smith

Lab Code: ACE **SDG No:** Q3123

Client Sample ID : BSF0922S2 **Datafile:** FB032227.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	183	102	50-150

LCS/LCSD % Recovery RPD : 1.1

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0922S1

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3123

Lab File ID: FB032223.D Lab Sample ID: VBF0922S1

Date Analyzed: 09/22/25 Time Analyzed: 15:03

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
20 PPB GRO STD	20 PPB GRO STD	FB032220.D	09/22/25
TP-2	Q3123-01	FB032224.D	09/22/25
BSF0922S1	BSF0922S1	FB032226.D	09/22/25
BSF0922S2	BSF0922S2	FB032227.D	09/22/25
20 PPB GR0 STD	20 PPB GR0 STD	FB032228.D	09/22/25

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/16/25
Project:	Con Edison FOPL2	Date Received:	09/16/25
Client Sample ID:	TP-2	SDG No.:	Q3123
Lab Sample ID:	Q3123-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	90.5 Decanted:
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032224.D	1	09/22/25 15:31	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	55.0	U	10.0	55.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.3		50 - 150	77%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032224.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:31
Operator : YP/AJ
Sample : Q3123-01
Misc : 4.50G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 23 03:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	8.799	274215	15.320 ng/ml
Target Compounds			

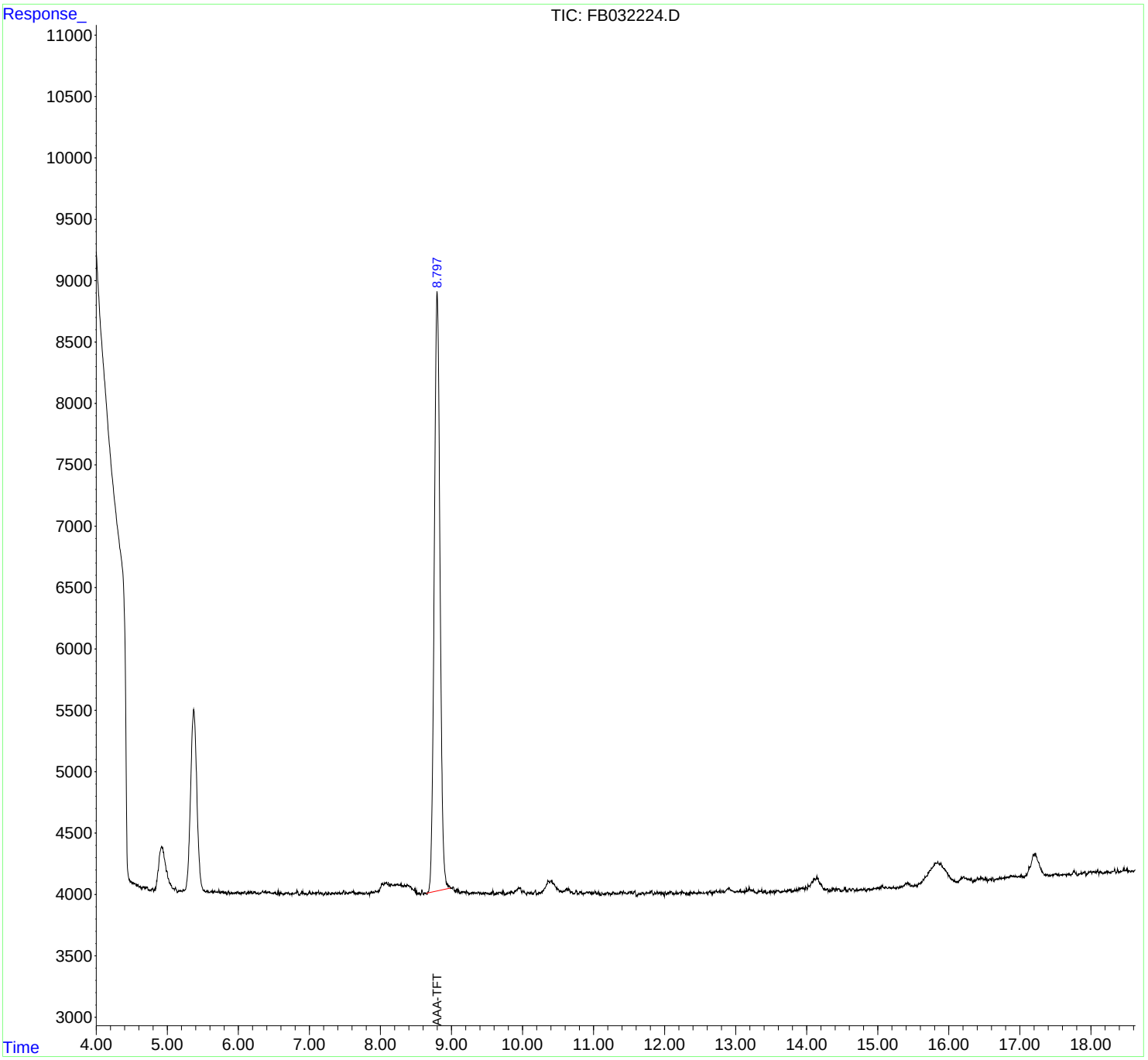
(f)=RT Delta > 1/2 Window (m)=manual int.

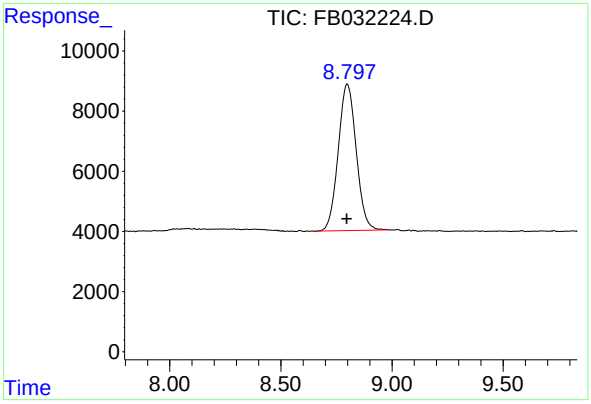
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032224.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:31
Operator : YP/AJ
Sample : Q3123-01
Misc : 4.50G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 23 03:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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.: 8.799 min
Delta R.T.: 0.003 min
Response: 274215
Conc: 15.32 ng/ml

Instrument :
FID_B
ClientSampleId :

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032224.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:31
Sample : Q3123-01
Misc : 4.50G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.522	4.470	4.573	BV	5	50	0.02%	0.010%
2	4.587	4.573	4.643	PV	15	347	0.12%	0.070%
3	4.683	4.643	4.692	PV	28	565	0.20%	0.114%
4	4.707	4.692	4.733	VV	29	500	0.18%	0.101%
5	4.742	4.733	4.760	VV	7	77	0.03%	0.015%
6	4.794	4.760	4.808	VV	25	359	0.13%	0.073%
7	5.117	5.102	5.142	VV	38	574	0.20%	0.116%
8	5.184	5.142	5.212	PV	21	531	0.19%	0.107%
9	5.224	5.212	5.238	VV	28	299	0.11%	0.060%
10	5.572	5.540	5.587	VV	24	502	0.18%	0.101%
11	5.627	5.587	5.655	VV	22	573	0.20%	0.116%
12	5.668	5.655	5.688	VV	24	351	0.12%	0.071%
13	5.705	5.688	5.717	VV	19	259	0.09%	0.052%
14	5.728	5.717	5.750	VV	33	316	0.11%	0.064%
15	5.762	5.750	5.774	VV	18	215	0.08%	0.043%
16	5.781	5.774	5.845	VV	23	501	0.18%	0.101%
17	5.861	5.845	5.887	PV	27	314	0.11%	0.063%
18	5.903	5.887	5.923	VV	15	197	0.07%	0.040%
19	5.931	5.923	5.943	VV	15	123	0.04%	0.025%
20	5.993	5.943	6.004	VV	25	557	0.20%	0.113%
21	6.014	6.004	6.026	VV	13	160	0.06%	0.032%
22	6.047	6.026	6.053	VV	19	198	0.07%	0.040%
23	6.067	6.053	6.078	VV	22	233	0.08%	0.047%
24	6.091	6.078	6.113	VV	29	378	0.13%	0.076%
25	6.146	6.113	6.155	VV	28	440	0.15%	0.089%
26	6.170	6.155	6.204	VV	27	605	0.21%	0.122%
27	6.235	6.204	6.263	VV	30	726	0.26%	0.147%
28	6.277	6.263	6.289	VV	22	218	0.08%	0.044%
29	6.308	6.289	6.317	VV	22	246	0.09%	0.050%
30	6.343	6.317	6.355	VV	38	604	0.21%	0.122%
31	6.364	6.355	6.373	VV	28	282	0.10%	0.057%
32	6.383	6.373	6.410	VV	38	612	0.22%	0.124%
33	6.424	6.410	6.433	VV	29	360	0.13%	0.073%
34	6.441	6.433	6.494	VV	33	799	0.28%	0.161%
35	6.508	6.494	6.546	VV	29	644	0.23%	0.130%
36	6.560	6.546	6.578	VV	42	391	0.14%	0.079%

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37	6.593	6.578	6.645	PV	27	651	0.23%	0.131%
38	6.680	6.645	6.697	VV	27	635	0.22%	0.128%
39	6.705	6.697	6.729	VV	28	378	0.13%	0.076%
40	6.768	6.729	6.779	VV	25	555	0.20%	0.112%
41	6.801	6.779	6.810	VV	26	365	0.13%	0.074%
42	6.825	6.810	6.866	VV	47	770	0.27%	0.155%
43	6.892	6.866	6.903	VV	34	465	0.16%	0.094%
44	6.908	6.903	6.945	VV	37	527	0.19%	0.107%
45	6.956	6.945	6.972	VV	23	256	0.09%	0.052%
46	7.002	6.972	7.028	VV	32	726	0.26%	0.147%
47	7.096	7.028	7.102	VV	29	978	0.34%	0.198%
48	7.129	7.102	7.144	VV	36	649	0.23%	0.131%
49	7.155	7.144	7.173	VV	31	402	0.14%	0.081%
50	7.181	7.173	7.199	VV	27	252	0.09%	0.051%
51	7.232	7.199	7.258	VV	32	670	0.24%	0.135%
52	7.274	7.258	7.300	VV	27	512	0.18%	0.103%
53	7.318	7.300	7.359	VV	27	729	0.26%	0.147%
54	7.369	7.359	7.387	VV	29	368	0.13%	0.074%
55	7.394	7.387	7.404	VV	28	201	0.07%	0.041%
56	7.421	7.404	7.443	VV	31	511	0.18%	0.103%
57	7.482	7.443	7.502	VV	43	929	0.33%	0.188%
58	7.516	7.502	7.550	VV	33	654	0.23%	0.132%
59	7.560	7.550	7.570	VV	31	299	0.11%	0.060%
60	7.601	7.570	7.638	VV	37	1199	0.42%	0.242%
61	7.644	7.638	7.659	VV	28	277	0.10%	0.056%
62	7.712	7.659	7.754	VV	34	1278	0.45%	0.258%
63	7.771	7.754	7.782	VV	29	332	0.12%	0.067%
64	7.803	7.782	7.816	VV	33	485	0.17%	0.098%
65	7.880	7.816	7.896	VV	37	1178	0.41%	0.238%
66	7.904	7.896	7.915	VV	34	333	0.12%	0.067%
67	7.930	7.915	7.949	VV	46	736	0.26%	0.149%
68	7.958	7.949	7.969	VV	40	419	0.15%	0.085%
69	8.017	7.969	8.024	VV	103	2099	0.74%	0.424%
70	8.033	8.024	8.047	VV	103	1336	0.47%	0.270%
71	8.057	8.047	8.063	VV	108	930	0.33%	0.188%
72	8.086	8.063	8.101	VV	113	2397	0.84%	0.484%
73	8.111	8.101	8.122	VV	113	1178	0.41%	0.238%
74	8.134	8.122	8.142	VV	100	1066	0.38%	0.215%
75	8.159	8.142	8.173	VV	98	1708	0.60%	0.345%
76	8.229	8.173	8.239	VV	97	3596	1.27%	0.726%
77	8.246	8.239	8.262	VV	101	1294	0.46%	0.261%
78	8.291	8.262	8.301	VV	105	2127	0.75%	0.430%
79	8.310	8.301	8.330	VV	88	1383	0.49%	0.279%
80	8.339	8.330	8.367	VV	90	1836	0.65%	0.371%
81	8.379	8.367	8.419	VV	94	2603	0.92%	0.526%
82	8.427	8.419	8.468	VV	79	1893	0.67%	0.382%
83	8.483	8.468	8.520	VV	63	1184	0.42%	0.239%
84	8.531	8.520	8.539	VV	27	245	0.09%	0.049%
85	8.546	8.539	8.569	VV	29	357	0.13%	0.072%
86	8.585	8.569	8.606	VV	50	620	0.22%	0.125%
87	8.619	8.606	8.628	VV	29	298	0.10%	0.060%
88	8.642	8.628	8.657	VV	28	392	0.14%	0.079%
89	8.799	8.657	9.002	VV	4921	283962	100.00%	57.366%

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90	9.007	9.002	9.016	VV	68	548	0.19%	0.111%
91	9.025	9.016	9.052	VV	77	1308	0.46%	0.264%
92	9.077	9.052	9.088	VV	61	993	0.35%	0.201%
93	9.096	9.088	9.128	VV	56	900	0.32%	0.182%
94	9.144	9.128	9.151	VV	38	446	0.16%	0.090%
95	9.160	9.151	9.205	VV	40	1097	0.39%	0.222%
96	9.213	9.205	9.259	VV	46	928	0.33%	0.187%
97	9.278	9.259	9.288	VV	29	418	0.15%	0.084%
98	9.294	9.288	9.312	VV	32	393	0.14%	0.079%
99	9.321	9.312	9.333	VV	33	358	0.13%	0.072%
100	9.351	9.333	9.361	VV	29	436	0.15%	0.088%
101	9.378	9.361	9.397	VV	36	625	0.22%	0.126%
102	9.411	9.397	9.424	VV	30	388	0.14%	0.078%
103	9.485	9.424	9.538	VV	32	1595	0.56%	0.322%
104	9.547	9.538	9.555	VV	26	213	0.08%	0.043%
105	9.584	9.555	9.601	VV	41	751	0.26%	0.152%
106	9.611	9.601	9.627	VV	20	277	0.10%	0.056%
107	9.671	9.627	9.711	VV	35	1368	0.48%	0.276%
108	9.729	9.711	9.752	VV	46	680	0.24%	0.137%
109	9.813	9.752	9.831	VV	36	1156	0.41%	0.234%
110	9.837	9.831	9.879	VV	44	933	0.33%	0.188%
111	9.944	9.879	9.992	VV	71	3581	1.26%	0.723%
112	10.008	9.992	10.062	VV	49	1318	0.46%	0.266%
113	10.079	10.062	10.110	VV	35	747	0.26%	0.151%
114	10.121	10.110	10.136	VV	36	412	0.14%	0.083%
115	10.182	10.136	10.199	VV	52	1122	0.40%	0.227%
116	10.211	10.199	10.220	VV	26	267	0.09%	0.054%
117	10.230	10.220	10.243	VV	30	355	0.13%	0.072%
118	10.249	10.243	10.256	VV	34	235	0.08%	0.047%
119	10.269	10.256	10.276	VV	39	382	0.13%	0.077%
120	10.358	10.276	10.383	VV	129	5358	1.89%	1.082%
121	10.403	10.383	10.519	VV	124	7309	2.57%	1.477%
122	10.546	10.519	10.561	VV	47	1038	0.37%	0.210%
123	10.569	10.561	10.575	VV	43	320	0.11%	0.065%
124	10.629	10.575	10.641	VV	70	2056	0.72%	0.415%
125	10.660	10.641	10.678	VV	61	1099	0.39%	0.222%
126	10.689	10.678	10.712	VV	40	657	0.23%	0.133%
127	10.755	10.712	10.776	VV	53	1169	0.41%	0.236%
128	10.784	10.776	10.793	VV	26	238	0.08%	0.048%
129	10.819	10.793	10.855	VV	42	1100	0.39%	0.222%
130	10.861	10.855	10.869	VV	28	204	0.07%	0.041%
131	10.919	10.869	10.929	VV	38	1105	0.39%	0.223%
132	10.944	10.929	10.961	VV	40	633	0.22%	0.128%
133	10.970	10.961	10.980	VV	37	283	0.10%	0.057%
134	11.020	10.980	11.057	VV	42	1289	0.45%	0.260%
135	11.071	11.057	11.081	VV	39	386	0.14%	0.078%
136	11.089	11.081	11.111	VV	31	318	0.11%	0.064%
137	11.120	11.111	11.138	VV	31	353	0.12%	0.071%
138	11.149	11.138	11.156	VV	23	221	0.08%	0.045%
139	11.199	11.156	11.239	VV	35	1240	0.44%	0.251%
140	11.283	11.239	11.346	VV	37	1576	0.55%	0.318%
141	11.386	11.346	11.408	VV	40	1145	0.40%	0.231%

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142	11.421	11.408	11.433	VV	46	508	0.18%	0.103%
143	11.444	11.433	11.471	VV	35	632	0.22%	0.128%
144	11.517	11.471	11.527	VV	41	1060	0.37%	0.214%
145	11.537	11.527	11.558	VV	42	569	0.20%	0.115%
146	11.583	11.558	11.603	VV	49	830	0.29%	0.168%
147	11.615	11.603	11.621	PV	15	110	0.04%	0.022%
148	11.654	11.621	11.671	VV	27	596	0.21%	0.120%
149	11.683	11.671	11.716	VV	34	650	0.23%	0.131%
150	11.749	11.716	11.790	VV	33	1175	0.41%	0.237%
151	11.819	11.790	11.849	VV	45	1035	0.36%	0.209%
152	11.863	11.849	11.877	VV	31	399	0.14%	0.081%
153	11.894	11.877	11.916	VV	37	636	0.22%	0.128%
154	11.940	11.916	11.997	VV	32	1003	0.35%	0.203%
155	12.008	11.997	12.035	PV	34	434	0.15%	0.088%
156	12.075	12.035	12.085	VV	38	771	0.27%	0.156%
157	12.096	12.085	12.122	VV	36	575	0.20%	0.116%
158	12.128	12.122	12.143	VV	24	233	0.08%	0.047%
159	12.162	12.143	12.171	VV	35	359	0.13%	0.073%
160	12.180	12.171	12.189	VV	23	202	0.07%	0.041%
161	12.223	12.189	12.232	VV	32	571	0.20%	0.115%
162	12.251	12.232	12.300	VV	35	909	0.32%	0.184%
163	12.319	12.300	12.331	VV	22	289	0.10%	0.058%
164	12.371	12.331	12.396	VV	27	625	0.22%	0.126%
165	12.407	12.396	12.461	VV	30	729	0.26%	0.147%
166	12.481	12.461	12.489	VV	29	310	0.11%	0.063%
167	12.496	12.489	12.535	VV	26	526	0.19%	0.106%
168	12.549	12.535	12.559	VV	24	240	0.08%	0.048%
169	12.590	12.559	12.610	VV	20	526	0.19%	0.106%
170	12.633	12.610	12.692	VV	33	959	0.34%	0.194%
171	12.700	12.692	12.708	VV	33	231	0.08%	0.047%
172	12.730	12.708	12.754	VV	38	734	0.26%	0.148%
173	12.767	12.754	12.775	VV	29	343	0.12%	0.069%
174	12.782	12.775	12.793	VV	38	281	0.10%	0.057%
175	12.809	12.793	12.823	VV	37	452	0.16%	0.091%
176	12.832	12.823	12.844	VV	31	293	0.10%	0.059%
177	12.908	12.844	12.985	VV	58	3019	1.06%	0.610%
178	13.025	12.985	13.035	VV	29	651	0.23%	0.132%
179	13.063	13.035	13.129	VV	38	1311	0.46%	0.265%
180	13.152	13.129	13.162	VV	51	560	0.20%	0.113%
181	13.193	13.162	13.216	VV	56	1197	0.42%	0.242%
182	13.251	13.216	13.299	VV	37	1055	0.37%	0.213%
183	13.305	13.299	13.310	VV	14	71	0.02%	0.014%
184	13.320	13.310	13.359	VV	27	576	0.20%	0.116%
185	13.368	13.359	13.382	VV	35	264	0.09%	0.053%
186	13.397	13.382	13.405	VV	25	218	0.08%	0.044%
187	13.422	13.405	13.438	VV	26	322	0.11%	0.065%
188	13.482	13.438	13.515	VV	23	572	0.20%	0.116%
189	13.534	13.515	13.545	VV	25	294	0.10%	0.059%
190	13.587	13.545	13.633	VV	25	869	0.31%	0.176%
191	13.672	13.633	13.679	VV	19	364	0.13%	0.074%
192	13.691	13.679	13.703	VV	28	259	0.09%	0.052%
193	13.733	13.703	13.741	VV	32	438	0.15%	0.088%
194	13.751	13.741	13.761	VV	28	289	0.10%	0.058%

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195	13.767	13.761	13.803	VV	31	508	0.18%	0.103%
196	13.831	13.803	13.848	VV	29	565	0.20%	0.114%
197	13.858	13.848	13.868	VV	35	277	0.10%	0.056%
198	13.948	13.868	13.975	VV	46	2257	0.79%	0.456%
199	13.989	13.975	14.005	VV	50	729	0.26%	0.147%
200	14.144	14.005	14.271	VV	131	11744	4.14%	2.372%
201	14.289	14.271	14.318	VV	28	604	0.21%	0.122%
202	14.376	14.318	14.401	VV	35	1040	0.37%	0.210%
203	14.417	14.401	14.431	VV	22	387	0.14%	0.078%
204	14.448	14.431	14.499	VV	30	705	0.25%	0.142%
205	14.545	14.499	14.579	VV	40	761	0.27%	0.154%
206	14.607	14.579	14.632	PV	29	552	0.19%	0.112%
207	14.651	14.632	14.690	VV	29	602	0.21%	0.122%
208	14.707	14.690	14.794	VV	25	846	0.30%	0.171%
209	14.816	14.794	14.841	VV	20	360	0.13%	0.073%
210	14.868	14.841	14.913	PV	17	511	0.18%	0.103%
211	15.004	14.913	15.025	VV	25	1079	0.38%	0.218%
212	15.064	15.025	15.103	VV	33	1001	0.35%	0.202%
213	15.115	15.103	15.140	VV	22	344	0.12%	0.070%
214	15.163	15.140	15.192	VV	16	347	0.12%	0.070%
215	15.220	15.192	15.258	VV	18	309	0.11%	0.062%
216	15.424	15.258	15.470	VV	43	2366	0.83%	0.478%
217	15.539	15.470	15.559	VV	18	576	0.20%	0.116%
218	15.817	15.559	15.835	VV	183	15658	5.51%	3.163%
219	15.846	15.835	15.879	VV	191	4700	1.66%	0.950%
220	15.889	15.879	16.124	VV	174	11548	4.07%	2.333%
221	16.208	16.124	16.344	VV	52	3842	1.35%	0.776%

Sum of corrected areas: 495003

FB092225.M Tue Sep 23 04:43:25 2025

CALIBRATION SUMMARY

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

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance
Contract: CAMP02
ProjectID: Con Edison FOPL2
Lab Code: ACE
SDG No.: Q3123

Calibration Sequence : FB092225		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1341516	29811	FB032214.D
90	2850195	31669	FB032215.D
180	5675270	31529	FB032216.D
450	14166602	31481	FB032217.D
900	28726009	31918	FB032218.D
AVG RF : 31282	**% RSD : 2.683**		**AVG RT : 8.7958**

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02

ProjectID: Con Edison FOPL2

Lab Code: ACE SDG No.: Q3123

DataFile: FB032220.D Analyst Name: YP/AJ Analyst Date: 09-22-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5779958	32111	31282	2.65

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032220.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 13:23
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 22 13:11:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	8.798	380701	21.269	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.714	811086	30.033	ng/ml
2) t	2,2,4-Trimethylpentane	7.428	951881	33.697	ng/ml
3) t	n-Heptane	7.758	302836	11.084	ng/ml
4) t	Benzene	7.896	367304	10.164	ng/ml
6) t	Toluene	10.627	1116668	29.982	ng/ml
7) t	Ethylbenzene	13.063	328079	10.037	ng/ml
8) t	m-Xylene	13.196	682225	20.016	ng/ml
9) t	O-Xylene	13.923	653247	20.005	ng/ml
10) t	1,2,4-Trimethylbenzene	16.198	566632	20.258	ng/ml

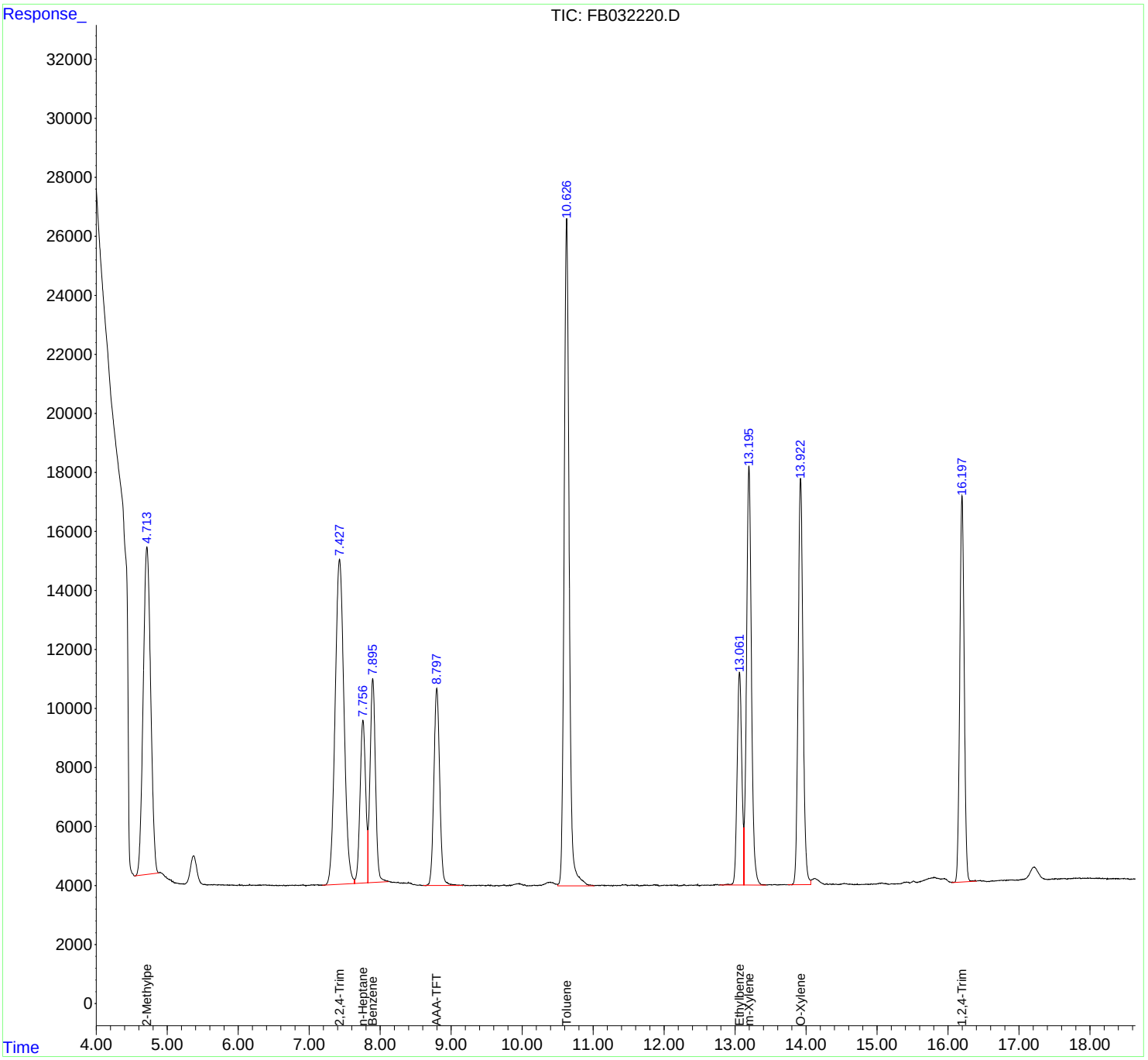
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032220.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 13:23
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 22 13:11:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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\FB092225\
Data File : FB032220.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 13:23
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.537	4.882	BV	11097	811086	72.63%	13.166%
2	7.428	7.187	7.639	BV	11015	951881	85.24%	15.451%
3	7.758	7.639	7.826	VV	5515	302836	27.12%	4.916%
4	7.896	7.826	8.117	VV	6903	367304	32.89%	5.962%
5	8.798	8.609	9.160	BV	6679	380701	34.09%	6.180%
6	10.627	10.502	11.017	VV	22602	1116668	100.00%	18.126%
7	13.063	12.784	13.124	BV	7217	328079	29.38%	5.325%
8	13.196	13.124	13.438	VB	14203	682225	61.09%	11.074%
9	13.923	13.744	14.067	BV	13776	653247	58.50%	10.604%
10	16.198	16.055	16.403	PBA	13078	566632	50.74%	9.198%

Sum of corrected areas: 6160660

FB092225.M Tue Sep 23 04:17:19 2025

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CAMP02

ProjectID: Con Edison FOPL2

Lab Code: ACE SDG No.: Q3123

DataFile: FB032228.D Analyst Name: YP/AJ Analyst Date: 09-22-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5839314	32441	31282	3.705

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032228.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:58
Operator : YP/AJ
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 23 03:35:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	8.799	372899	20.833	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	828303	30.671	ng/ml
2) t	2,2,4-Trimethylpentane	7.433	973546	34.463	ng/ml
3) t	n-Heptane	7.761	317220	11.610	ng/ml
4) t	Benzene	7.898	376619	10.421	ng/ml
6) t	Toluene	10.629	1115015	29.937	ng/ml
7) t	Ethylbenzene	13.065	327747	10.026	ng/ml
8) t	m-Xylene	13.197	684724	20.089	ng/ml
9) t	O-Xylene	13.925	656631	20.108	ng/ml
10) t	1,2,4-Trimethylbenzene	16.200	559509	20.003	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

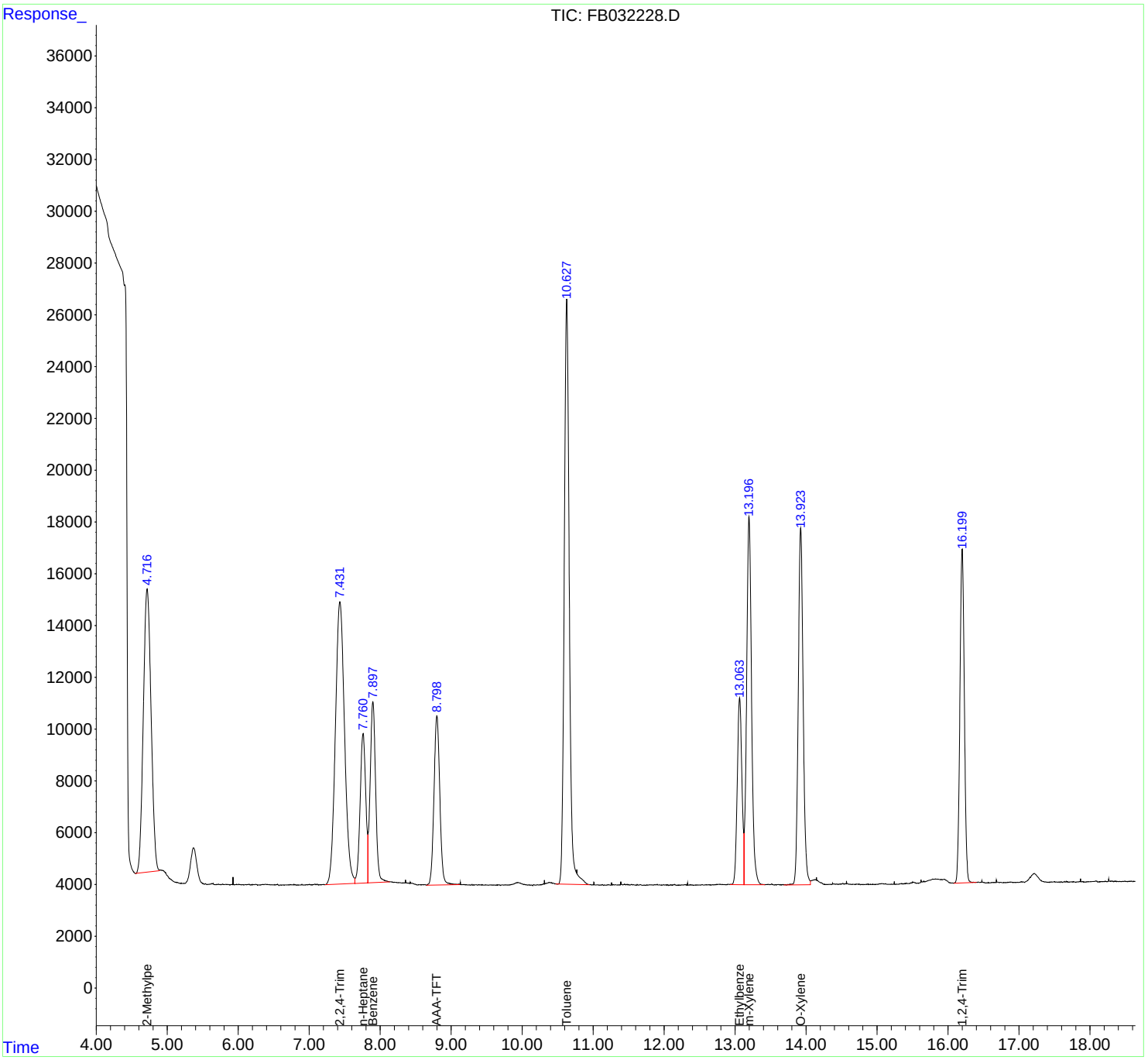
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032228.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:58
Operator : YP/AJ
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: autoint1.e
Quant Time: Sep 23 03:35:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032228.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:58
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.889	BV	10940	828303	74.29%	13.333%
2	7.433	7.222	7.644	PV	10911	973546	87.31%	15.671%
3	7.761	7.644	7.827	VV	5773	317220	28.45%	5.106%
4	7.898	7.827	8.136	VV	6987	376619	33.78%	6.063%
5	8.799	8.648	9.124	PV	6534	372899	33.44%	6.003%
6	10.629	10.474	10.950	BV	22594	1115015	100.00%	17.949%
7	13.065	12.927	13.126	VV	7213	327747	29.39%	5.276%
8	13.197	13.126	13.422	VV	14217	684724	61.41%	11.022%
9	13.925	13.689	14.062	VV	13770	656631	58.89%	10.570%
10	16.200	16.081	16.404	PBA	12894	559509	50.18%	9.007%

Sum of corrected areas: 6212215

FB092225.M Tue Sep 23 04:21:59 2025

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

Analytical Sequence

Client: CDM Smith **SDG No.:** Q3123

Project: Con Edison FOPL2 **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 **8.7958**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	22 Sep 2025 13:23	FB032220.D	8.798	
VBF0922S1	VBF0922S1	22 Sep 2025 15:03	FB032223.D	8.799	
TP-2	Q3123-01	22 Sep 2025 15:31	FB032224.D	8.799	
BSF0922S1	BSF0922S1	22 Sep 2025 16:35	FB032226.D	8.799	
BSF0922S2	BSF0922S2	22 Sep 2025 17:02	FB032227.D	8.800	
20 PPB GR0 STD	20 PPB GR0 STD	22 Sep 2025 17:58	FB032228.D	8.799	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6958	8.8958

QC SAMPLE DATA

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	VBF0922S1	SDG No.:	Q3123
Lab Sample ID:	VBF0922S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032223.D	1	09/22/25 15:03	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	45.0	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032223.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:03
Operator : YP/AJ
Sample : VBF0922S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0922S1

Integration File: autoint1.e
Quant Time: Sep 23 03:34:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	8.799	369280	20.631 ng/ml
Target Compounds			

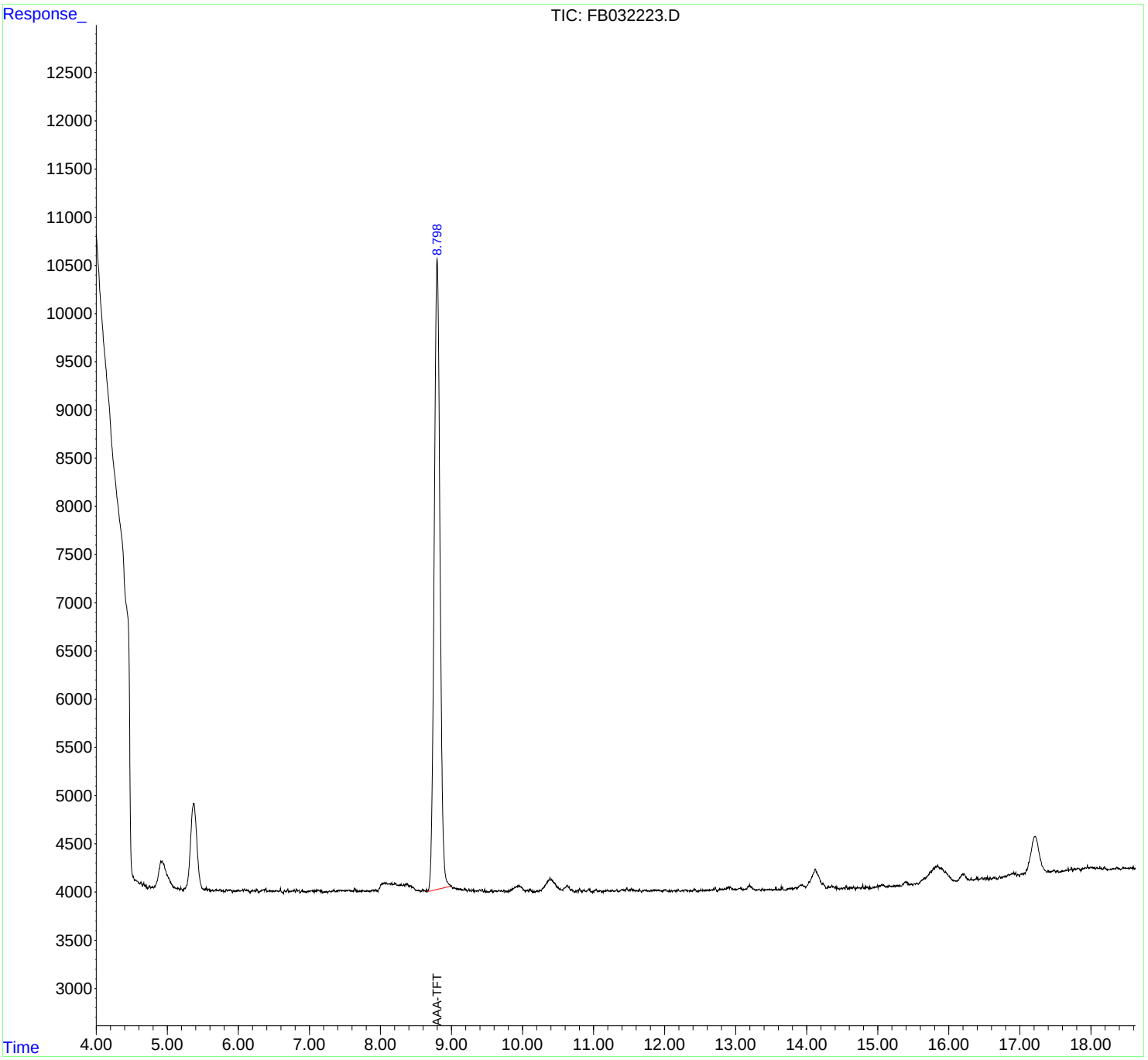
(f)=RT Delta > 1/2 Window (m)=manual int.

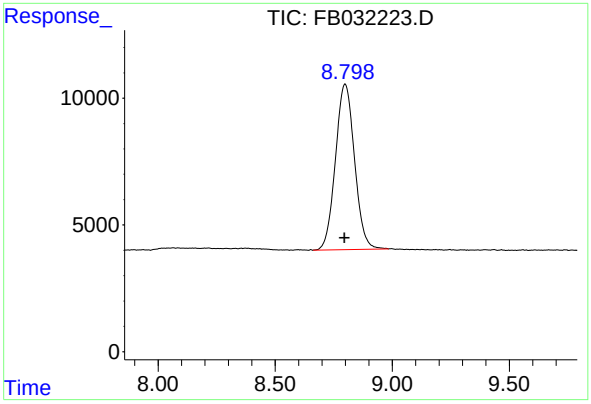
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032223.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:03
Operator : YP/AJ
Sample : VBF0922S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0922S1

Integration File: autoint1.e
Quant Time: Sep 23 03:34:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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.:	8.799 min
Delta R.T.:	0.003 min
Response:	369280
Conc:	20.63 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF0922S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032223.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 15:03
Sample : VBF0922S1
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\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.799	8.662	8.985	PV	6539	369280	100.00%	100.000%

Sum of corrected areas: 369280

FB092225.M Tue Sep 23 04:20:05 2025

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

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	Con Edison FOPL2		Date Received:		
Client Sample ID:	BSF0922S1		SDG No.:	Q3123	
Lab Sample ID:	BSF0922S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032226.D	1	09/22/25 16:35	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	185		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.5		50 - 150	102%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032226.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 16:35
Operator : YP/AJ
Sample : BSF0922S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0922S1

Integration File: autoint1.e
Quant Time: Sep 23 03:35:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	8.799	366824	20.493	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	831762	30.799	ng/ml
2) t	2,2,4-Trimethylpentane	7.428	957214	33.885	ng/ml
3) t	n-Heptane	7.759	307803	11.265	ng/ml
4) t	Benzene	7.897	375572	10.392	ng/ml
6) t	Toluene	10.628	1109031	29.777	ng/ml
7) t	Ethylbenzene	13.064	324537	9.928	ng/ml
8) t	m-Xylene	13.197	673600	19.763	ng/ml
9) t	O-Xylene	13.924	646336	19.793	ng/ml
10) t	1,2,4-Trimethylbenzene	16.199	547275	19.566	ng/ml

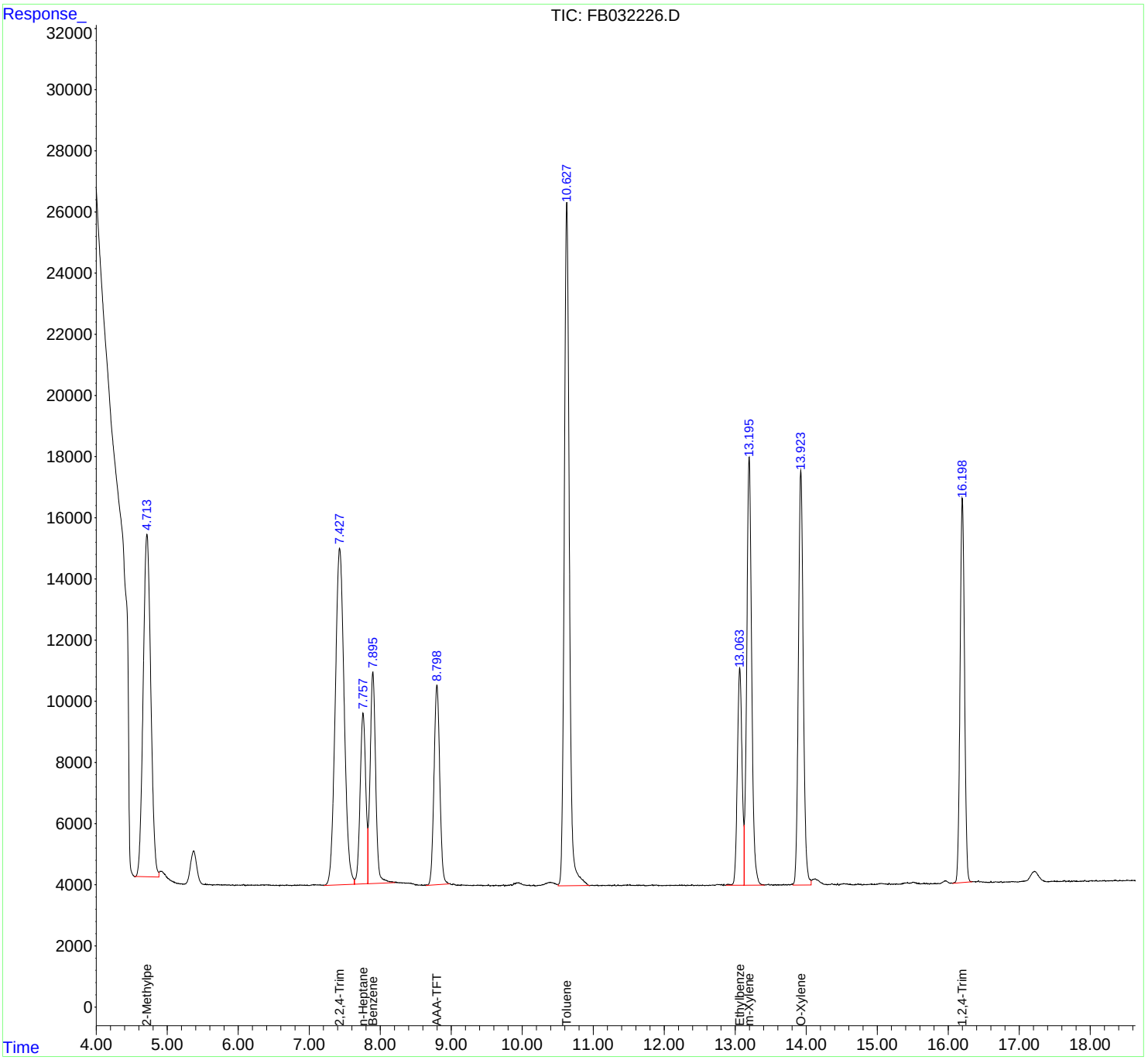
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032226.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 16:35
Operator : YP/AJ
Sample : BSF0922S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0922S1

Integration File: autoint1.e
Quant Time: Sep 23 03:35:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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\FB092225\
Data File : FB032226.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 16:35
Sample : BSF0922S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.537	4.882	BV	11197	831762	75.00%	13.547%
2	7.428	7.209	7.636	PV	11005	957214	86.31%	15.590%
3	7.759	7.636	7.827	VV	5586	307803	27.75%	5.013%
4	7.897	7.827	8.208	VV	6919	375572	33.86%	6.117%
5	8.799	8.641	8.975	PV	6530	366824	33.08%	5.974%
6	10.628	10.505	10.956	VV	22340	1109031	100.00%	18.063%
7	13.064	12.865	13.125	VV	7101	324537	29.26%	5.286%
8	13.197	13.125	13.410	VV	13992	673600	60.74%	10.971%
9	13.924	13.814	14.070	VV	13547	646336	58.28%	10.527%
10	16.199	16.060	16.336	PV	12568	547275	49.35%	8.913%

Sum of corrected areas: 6139954

FB092225.M Tue Sep 23 04:20:38 2025

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	BSF0922S2	SDG No.:	Q3123
Lab Sample ID:	BSF0922S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032227.D	1	09/22/25 17:02	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	183		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.3		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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032227.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:02
Operator : YP/AJ
Sample : BSF0922S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0922S2

Integration File: autoint1.e
Quant Time: Sep 23 03:35:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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	363072	20.284	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.716	801046	29.661	ng/ml
2) t	2,2,4-Trimethylpentane	7.431	948619	33.581	ng/ml
3) t	n-Heptane	7.759	297051	10.872	ng/ml
4) t	Benzene	7.898	373962	10.348	ng/ml
6) t	Toluene	10.628	1105664	29.686	ng/ml
7) t	Ethylbenzene	13.064	323316	9.891	ng/ml
8) t	m-Xylene	13.198	674144	19.779	ng/ml
9) t	O-Xylene	13.925	649538	19.891	ng/ml
10) t	1,2,4-Trimethylbenzene	16.200	554725	19.832	ng/ml

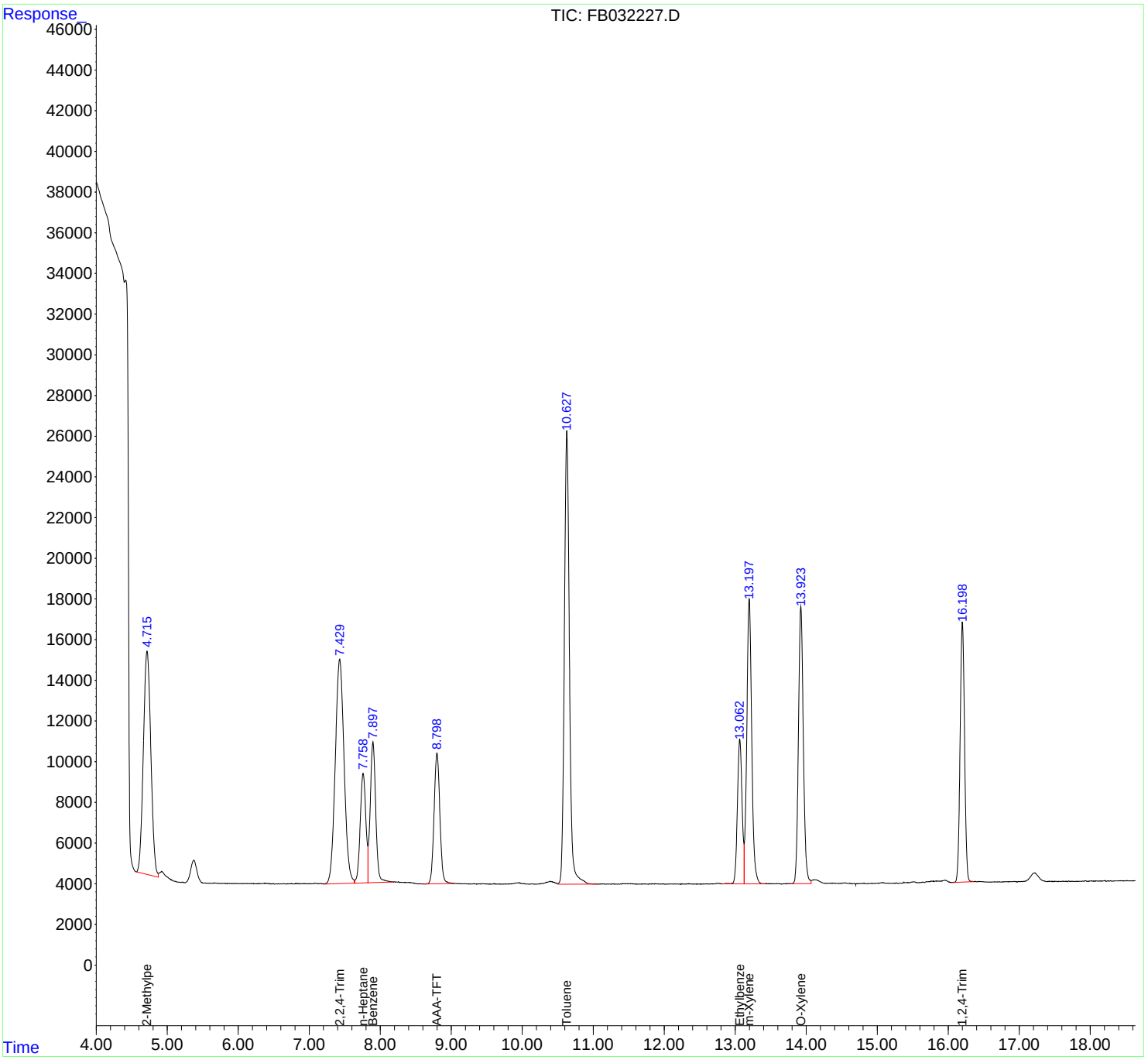
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092225\
Data File : FB032227.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:02
Operator : YP/AJ
Sample : BSF0922S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0922S2

Integration File: autoint1.e
Quant Time: Sep 23 03:35:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 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\FB092225\
Data File : FB032227.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2025 17:02
Sample : BSF0922S2
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\FB092225.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	4.554	4.874	BV	10980	801046	72.45%	13.151%
2	7.431	7.204	7.638	PV	11029	948619	85.80%	15.574%
3	7.759	7.638	7.827	VV	5391	297051	26.87%	4.877%
4	7.898	7.827	8.183	VV	6909	373962	33.82%	6.139%
5	8.800	8.598	9.046	BV	6425	363072	32.84%	5.961%
6	10.628	10.502	11.059	VB	22277	1105664	100.00%	18.152%
7	13.064	12.823	13.126	BV	7100	323316	29.24%	5.308%
8	13.198	13.126	13.422	VV	13995	674144	60.97%	11.068%
9	13.925	13.789	14.070	PV	13629	649538	58.75%	10.664%
10	16.200	16.060	16.358	BV	12791	554725	50.17%	9.107%

Sum of corrected areas: 6091137

FB092225.M Tue Sep 23 04:21:09 2025

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB092225

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	FB092225	HP Acquire Method	FID_B	HP Processing Method	fb092225.m

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP24937,PP24938
Internal Standard/PEM	
ICV/I.BLK	PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB032214.D	22 Sep 2025 9:53 am	YP/AJ	Ok
2	10 GRO STD	FB032215.D	22 Sep 2025 10:21 an	YP/AJ	Ok
3	20 GRO STD	FB032216.D	22 Sep 2025 10:48 an	YP/AJ	Ok
4	50 GRO STD	FB032217.D	22 Sep 2025 11:16 an	YP/AJ	Ok
5	100 GRO STD	FB032218.D	22 Sep 2025 11:44	YP/AJ	Ok
6	FB0922GROICV	FB032219.D	22 Sep 2025 12:43 pn	YP/AJ	Ok
7	20 PPB GRO STD	FB032220.D	22 Sep 2025 1:23 pm	YP/AJ	Ok
8	BSF0922S1	FB032221.D	22 Sep 2025 14:08	YP/AJ	Not Ok
9	VBF0922S2	FB032222.D	22 Sep 2025 2:35 pm	YP/AJ	Ok
10	VBF0922S1	FB032223.D	22 Sep 2025 15:03	YP/AJ	Ok
11	Q3123-01	FB032224.D	22 Sep 2025 3:31 pm	YP/AJ	Ok
12	Q3157-01	FB032225.D	22 Sep 2025 3:59 pm	YP/AJ	Not Ok
13	BSF0922S1	FB032226.D	22 Sep 2025 16:35	YP/AJ	Ok
14	BSF0922S2	FB032227.D	22 Sep 2025 17:02	YP/AJ	Ok
15	20 PPB GR0 STD	FB032228.D	22 Sep 2025 17:58	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB092225

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	FB092225	HP Acquire Method	FID_B	HP Processing Method	fb092225.m

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP24937,PP24938
Internal Standard/PEM	
ICV/I.BLK	PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB032214.D	22 Sep 2025 9:53 am		YP/AJ	Ok
2	10 GRO STD		FB032215.D	22 Sep 2025 10:21 am		YP/AJ	Ok
3	20 GRO STD		FB032216.D	22 Sep 2025 10:48 am		YP/AJ	Ok
4	50 GRO STD		FB032217.D	22 Sep 2025 11:16 am		YP/AJ	Ok
5	100 GRO STD		FB032218.D	22 Sep 2025 11:44		YP/AJ	Ok
6	FB0922GROICV		FB032219.D	22 Sep 2025 12:43 pm		YP/AJ	Ok
7	20 PPB GRO STD		FB032220.D	22 Sep 2025 1:23 pm		YP/AJ	Ok
8	BSF0922S1		FB032221.D	22 Sep 2025 14:08	Not Used	YP/AJ	Not Ok
9	VBF0922S2		FB032222.D	22 Sep 2025 2:35 pm		YP/AJ	Ok
10	VBF0922S1		FB032223.D	22 Sep 2025 15:03		YP/AJ	Ok
11	Q3123-01		FB032224.D	22 Sep 2025 3:31 pm	Vial A	YP/AJ	Ok
12	Q3157-01		FB032225.D	22 Sep 2025 3:59 pm	Vial A not Purged	YP/AJ	Not Ok
13	BSF0922S1		FB032226.D	22 Sep 2025 16:35		YP/AJ	Ok
14	BSF0922S2		FB032227.D	22 Sep 2025 17:02		YP/AJ	Ok
15	20 PPB GR0 STD		FB032228.D	22 Sep 2025 17:58		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

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

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

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

QC: LB137212

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3123-01	TP-2	1	1.14	10.76	11.9	10.88	90.5	
Q3124-01	WEST-SIDE	2	1.19	10.48	11.67	10.63	90.1	
Q3124-03	NORTH-SIDE	3	1.12	11.10	12.22	10.6	85.4	
Q3126-01	OK-01-091725	4	1.15	10.74	11.89	11.5	96.4	
Q3126-02	OK-01-091725-E2	5	1.12	10.74	11.86	11.22	94.0	

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

VB 137212

WORKLIST(Hardcopy Internal Chain)

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

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

Date/Time 09-17-25 13:10

Raw Sample Received by: JP (4.0°C)

Raw Sample Relinquished by: RJ C (EX1-Lab)

Date/Time 09-17-25 17:20

Raw Sample Received by: RJ C (EX1-Lab)

Raw Sample Relinquished by: JP (4.0°C)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. 23123
COC Number 2045123

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: CON ED FOR2 FDR
PROJECT NO.: LOCATION: NEW YORK, NY
PROJECT MANAGER: MARCIE ENCINAS
e-mail: encinasma@cdmsmith.com
PHONE: 7325904679 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 24 HOURS DAYS*
HARDCOPY (DATA PACKAGE): 24 HOURS DAYS*
EDD: 24 HOURS DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

TPH

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-2	S	X		9/16/25	1045	2	X									E
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1	9/16/25 1515	1	9.16.25 1515
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: 1604	RECEIVED BY:	
3.	9.16.25	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.1 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3123 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 9/16/2025 3:31:49 PM
Project Name : Con Edison FOPL2
Receive DateTime : 9/16/2025 4:04:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : NYS ASP A
EDD Type : EQUIS
Hard Copy Date :
Date Signoff : 9/17/2025 8:31:48 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3123-01	TP-2	Solid	09/16/2025	10:45					
					Gasoline Range Organics		8015D		1 Bus. Day

Relinguished By : [signature]
Date / Time : 9/22/25 10:32

Received By : [signature]
Date / Time : 09/22/25 10:28

Storage Area : VOA Refridgerator Room