

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water	Gasoline Range Organics	8015D	11/04/25		11/10/25	11/07/25



SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-01	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	6520000		10000	63200	90000	450000	ug/L	11/10/25 11:04	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	15.5			50 - 150		77%	SPK: 20		

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



QC SUMMARY



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

WATER GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Pacific Commercial Services Inc.

Lab Code: ACE

SDG No.: Q3574

CLIENT ID	S1	S2	S3	S4	TOT
	AAA-TFT				OUT
VPF1110W1	98				0
BSF1110W1	107				0
BSF1110W2	103				0
304641-01 Liquid	77				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

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

Lab Name: Alliance

Client: Pacific Commercial Services Inc.

Lab Code: ACE

SDG No: Q3574

Client Sample ID : BSF1110W1

Datafile: FB032336.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
GRO	180	0	206	114	50-150

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

Lab Name: Alliance

Client: Pacific Commercial Services Inc.

Lab Code: ACE

SDG No: Q3574

Client Sample ID : BSF1110W2

Datafile: FB032337.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
GRO	180	0	198	110	50-150

LCS/LCSD % Recovery RPD : 3.57

A
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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1110W1

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: FB032335.D

Lab Sample ID: VBF1110W1

Date Analyzed: 11/10/25

Time Analyzed: 9:13

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

Heated Purge: (Y/N) N

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
BSF1110W1	BSF1110W1	FB032336.D	11/10/25
BSF1110W2	BSF1110W2	FB032337.D	11/10/25
304641-01 Liquid	Q3574-01	FB032338.D	11/10/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	VBF1110W1	SDG No.:	Q3574
Lab Sample ID:	VBF1110W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	9.00	U	1	6.00	9.00	45.0	ug/L	11/10/25 9:13	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	19.5			50 - 150		98%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	BSF1110W1	SDG No.:	Q3574
Lab Sample ID:	BSF1110W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	206		1	6.00	9.00	45.0	ug/L	11/10/25 9:41	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	21.5			50 - 150		107%	SPK: 20		

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

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	BSF1110W2	SDG No.:	Q3574
Lab Sample ID:	BSF1110W2	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	198		1	6.00	9.00	45.0	ug/L	11/10/25 10:09	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.7			50 - 150		103%	SPK: 20		

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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: PACI01

ProjectID: Kilo Pier

Lab Code: ACE

SDG No.: Q3574

Calibration Sequence : FB102725		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1379940	30665	FB032267.D
90	2618714	29097	FB032268.D
180	5448966	30272	FB032269.D
450	14683527	32630	FB032270.D
900	30564498	33961	FB032271.D
AVG RF : 31325		% RSD : 6.215	AVG RT : 8.7908

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: PACI01
ProjectID: Kilo Pier
Lab Code: ACE SDG No.: Q3574
DataFile: FB032334.D Analyst Name: YP/AJ Analyst Date: 11-10-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6453043	35850	31325	14.445

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: PACI01
ProjectID: Kilo Pier
Lab Code: ACE SDG No.: Q3574
DataFile: FB032340.D Analyst Name: YP/AJ Analyst Date: 11-10-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6340513	35225	31325	12.45

Analytical Sequence

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

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 8.7908					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	10 Nov 2025 8:19	FB032334.D	8.795	
VBF1110W1	VBF1110W1	10 Nov 2025 9:13	FB032335.D	8.798	
BSF1110W1	BSF1110W1	10 Nov 2025 9:41	FB032336.D	8.799	
BSF1110W2	BSF1110W2	10 Nov 2025 10:09	FB032337.D	8.799	
304641-01 Liquid	Q3574-01	10 Nov 2025 11:04	FB032338.D	8.799	
20 PPB GRO STD	20 PPB GRO STD	10 Nov 2025 12:45	FB032340.D	8.800	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032328.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 12:15
Operator : YP/AJ
Sample : Q3574-01
Misc
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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Integration File: Calibration.e
Quant Time: Nov 10 01:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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	8.748	1059051	52.214 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

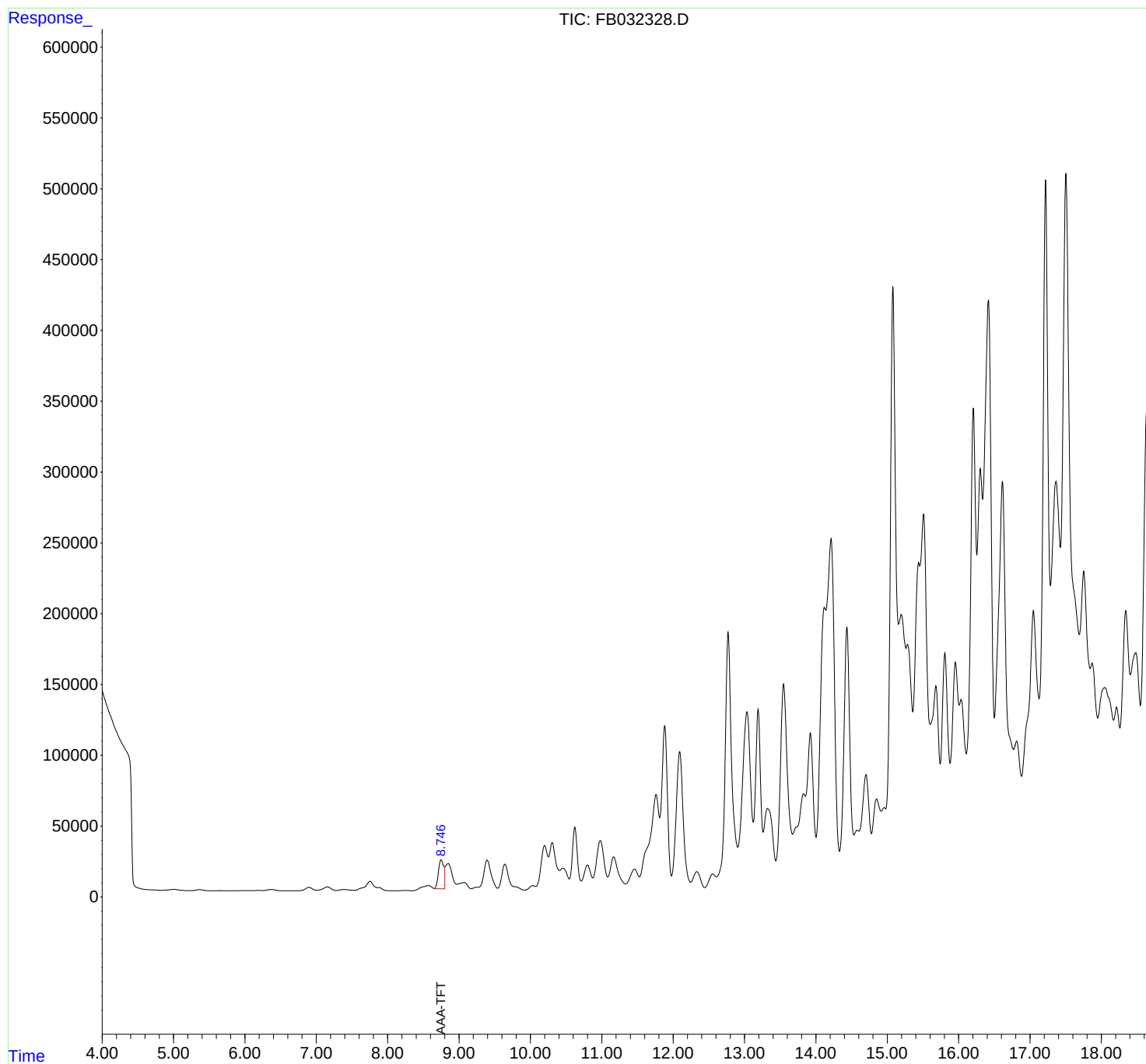
(m)=manual int.

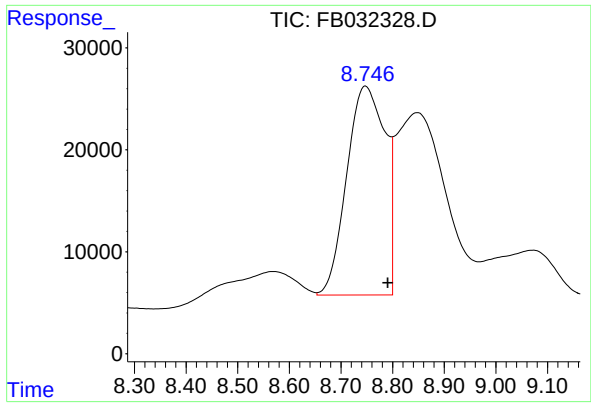
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032328.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 12:15
Operator : YP/AJ
Sample : Q3574-01
Misc
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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.: 8.748 min

Delta R.T.: -0.043 min

Response: 1059051

Conc: 52.21 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032328.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 12:15
Sample : Q3574-01
Misc
ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.006	4.804	5.238	BV	784	67075	0.28%	0.028%
2	5.528	5.520	5.564	VV	18	60	0.00%	0.000%
3	5.578	5.564	5.588	PV	15	127	0.00%	0.000%
4	5.665	5.588	5.719	VV	79	3046	0.01%	0.001%
5	5.729	5.719	5.764	PV	26	402	0.00%	0.000%
6	5.832	5.764	5.861	VV	35	840	0.00%	0.000%
7	5.877	5.861	5.891	VV	52	750	0.00%	0.000%
8	5.925	5.891	5.943	VV	91	2149	0.01%	0.001%
9	6.040	5.943	6.065	VV	158	8353	0.03%	0.003%
10	6.083	6.065	6.088	VV	124	1709	0.01%	0.001%
11	6.093	6.088	6.108	VV	124	1420	0.01%	0.001%
12	6.198	6.108	6.254	VV	283	16966	0.07%	0.007%
13	6.372	6.254	6.508	VV	906	74276	0.30%	0.031%
14	6.517	6.508	6.542	VV	61	768	0.00%	0.000%
15	6.555	6.542	6.563	VV	23	225	0.00%	0.000%
16	6.576	6.563	6.608	VV	22	370	0.00%	0.000%
17	6.726	6.608	6.744	PV	83	2944	0.01%	0.001%
18	7.157	7.012	7.284	VV	2772	218535	0.90%	0.090%
19	7.385	7.284	7.529	VV	917	84621	0.35%	0.035%
20	7.753	7.529	7.852	VV	6648	577164	2.37%	0.237%
21	7.873	7.852	8.135	VV	2303	111148	0.46%	0.046%
22	8.242	8.135	8.338	PV	204	12373	0.05%	0.005%
23	8.569	8.338	8.653	PV	3593	376019	1.54%	0.154%
24	8.748	8.653	8.800	VV	21747	1168822	4.79%	0.480%
25	8.848	8.800	8.968	VV	19093	1319790	5.41%	0.542%
26	9.071	8.968	9.173	VV	5540	509647	2.09%	0.209%
27	9.246	9.173	9.266	VV	2216	102293	0.42%	0.042%
28	9.394	9.266	9.541	VV	21353	1587039	6.51%	0.652%
29	9.643	9.541	9.919	VV	18423	1327036	5.44%	0.545%
30	10.034	9.919	10.075	PV	3052	162582	0.67%	0.067%
31	10.199	10.075	10.253	VV	31285	1975126	8.10%	0.811%
32	10.306	10.253	10.408	VV	33288	2214102	9.08%	0.909%
33	10.458	10.408	10.545	VV	15111	1038295	4.26%	0.426%
34	10.623	10.545	10.712	VV	44138	2246760	9.21%	0.923%
35	10.800	10.712	10.875	VV	17123	1160561	4.76%	0.477%
36	10.980	10.875	11.084	VV	34240	2611087	10.71%	1.072%

rteres								
37	11.167	11.084	11.333	VV	22619	1840585	7.55%	0.756%
38	11.460	11.333	11.528	VV	13733	1084912	4.45%	0.446%
39	11.761	11.528	11.812	VV	66282	6324485	25.93%	2.597%
40	11.882	11.812	11.978	VV	114541	6536996	26.80%	2.685%
41	12.092	11.978	12.245	VV	96374	6690800	27.43%	2.748%
42	12.332	12.245	12.443	VV	11335	778189	3.19%	0.320%
43	12.554	12.443	12.607	PV	8152	478211	1.96%	0.196%
44	12.771	12.607	12.906	VV	175756	11187428	45.87%	4.595%
45	13.035	12.906	13.123	VV	116234	9215836	37.78%	3.785%
46	13.191	13.123	13.264	VV	115647	5862182	24.03%	2.408%
47	13.327	13.264	13.439	VV	43862	3313588	13.59%	1.361%
48	13.548	13.439	13.675	VV	128778	8697395	35.66%	3.572%
49	13.923	13.675	14.003	VV	89254	8606109	35.28%	3.534%
50	14.212	14.003	14.332	VV	222024	24390335	100.00%	10.017%
51	14.435	14.332	14.537	PV	155545	8004447	32.82%	3.287%
52	14.702	14.537	14.780	VV	44852	2795132	11.46%	1.148%
53	14.852	14.780	14.917	VV	23978	1316925	5.40%	0.541%
54	15.080	14.917	15.163	VV	379641	21261222	87.17%	8.732%
55	15.196	15.163	15.357	VV	145681	14190816	58.18%	5.828%
56	15.508	15.357	15.602	VV	209049	20788397	85.23%	8.538%
57	15.681	15.602	15.742	VV	83235	5229438	21.44%	2.148%
58	15.808	15.742	15.881	VV	103355	5203172	21.33%	2.137%
59	15.956	15.881	16.107	VV	92851	7940443	32.56%	3.261%
60	16.207	16.107	16.257	VV	265768	13505930	55.37%	5.547%
61	16.305	16.257	16.336	VV	220552	9428678	38.66%	3.872%
62	16.416	16.336	16.454	VBA	336856	19835320	81.32%	8.146%
Sum of corrected areas:					243491449			

FB102725.M Mon Nov 10 03:20:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032330.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 13:27
Operator : YP/AJ
Sample : Q3574-01 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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Integration File: Calibration.e
Quant Time: Nov 10 01:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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	8.810	692668	34.150 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

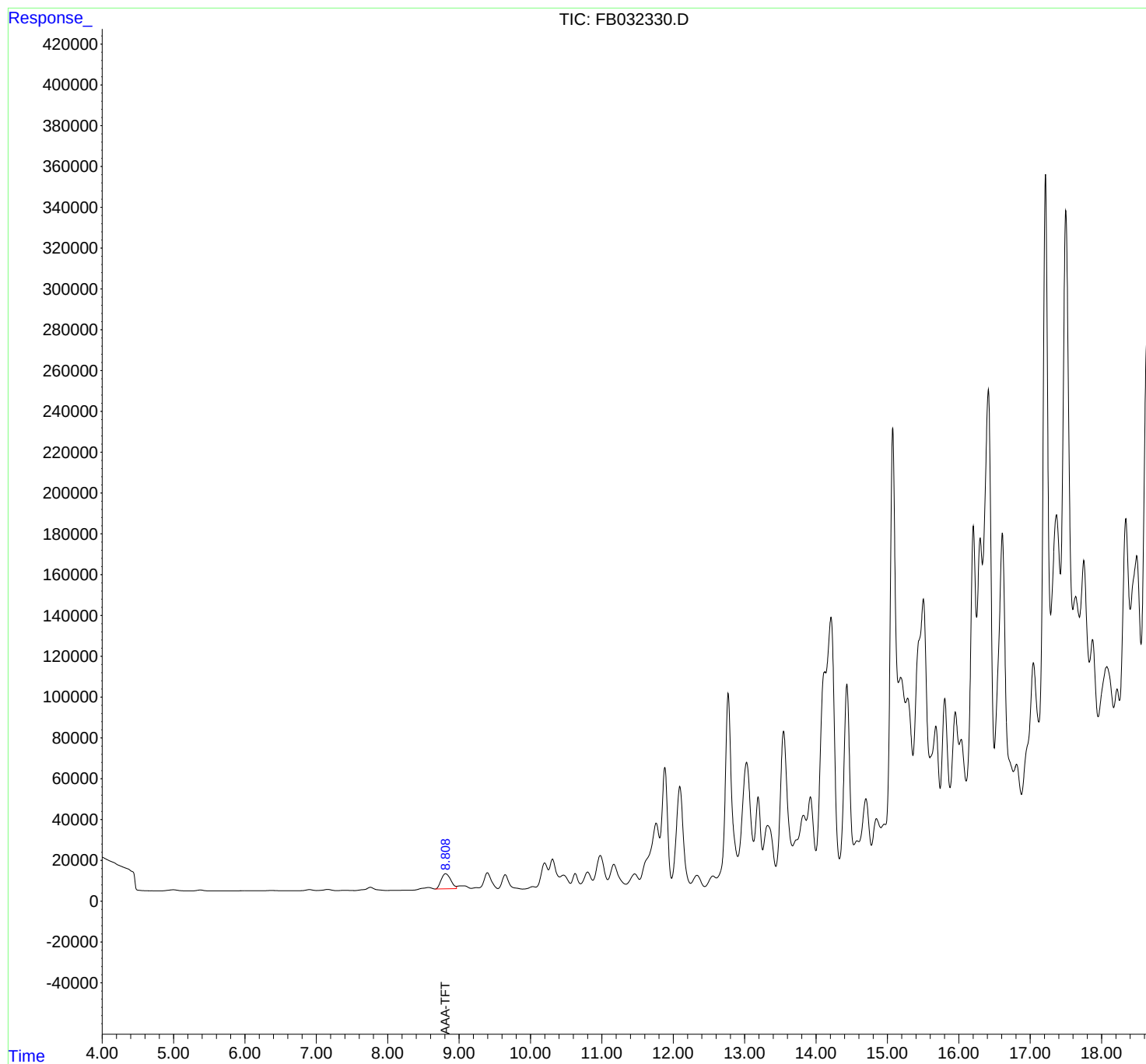
(m)=manual int.

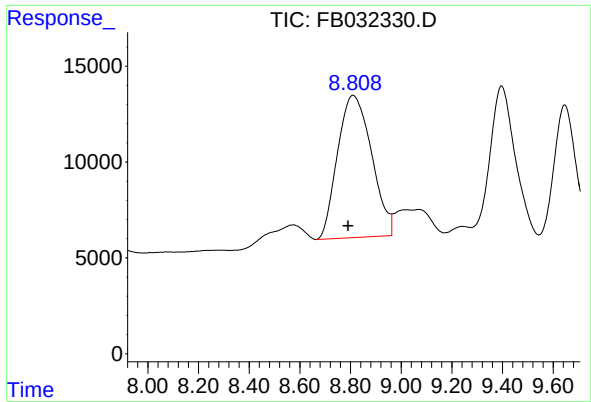
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032330.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 13:27
Operator : YP/AJ
Sample : Q3574-01 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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.: 8.810 min
Delta R.T.: 0.019 min
Response: 692668
Conc: 34.15 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032330.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 13:27
 Sample : Q3574-04 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.697	4.637	4.708	BV	23	212	0.00%	0.000%
2	4.716	4.708	4.781	VV	17	219	0.00%	0.000%
3	4.795	4.781	4.819	PV	30	286	0.00%	0.000%
4	5.234	5.214	5.248	VV	14	152	0.00%	0.000%
5	5.512	5.506	5.549	VV	15	233	0.00%	0.000%
6	5.562	5.549	5.574	VV	18	169	0.00%	0.000%
7	5.584	5.574	5.603	VV	15	153	0.00%	0.000%
8	5.644	5.603	5.659	VV	26	586	0.00%	0.000%
9	5.696	5.659	5.707	VV	37	673	0.01%	0.001%
10	5.731	5.707	5.753	VV	38	584	0.00%	0.000%
11	5.767	5.753	5.783	VV	24	271	0.00%	0.000%
12	5.818	5.783	5.843	PV	18	369	0.00%	0.000%
13	5.860	5.843	5.869	VV	31	305	0.00%	0.000%
14	5.883	5.869	5.894	VV	30	322	0.00%	0.000%
15	5.956	5.894	6.010	VV	40	2099	0.02%	0.002%
16	6.066	6.010	6.087	VV	46	1640	0.01%	0.001%
17	6.105	6.087	6.138	VV	43	1039	0.01%	0.001%
18	6.162	6.138	6.170	VV	53	830	0.01%	0.001%
19	6.188	6.170	6.202	VV	64	939	0.01%	0.001%
20	6.220	6.202	6.233	VV	60	875	0.01%	0.001%
21	6.240	6.233	6.252	VV	36	361	0.00%	0.000%
22	6.376	6.252	6.527	VV	166	13242	0.10%	0.010%
23	6.558	6.527	6.568	VV	19	279	0.00%	0.000%
24	6.583	6.568	6.595	VV	27	225	0.00%	0.000%
25	6.628	6.595	6.653	VV	14	267	0.00%	0.000%
26	6.686	6.653	6.694	VV	26	373	0.00%	0.000%
27	6.699	6.694	6.711	VV	18	120	0.00%	0.000%
28	6.728	6.711	6.760	PV	31	466	0.00%	0.000%
29	6.906	6.760	7.011	VV	524	34778	0.27%	0.028%
30	7.164	7.011	7.281	VV	604	45827	0.35%	0.036%
31	7.292	7.281	7.301	VV	18	110	0.00%	0.000%
32	7.402	7.301	7.494	PV	131	10004	0.08%	0.008%
33	7.500	7.494	7.522	VV	42	530	0.00%	0.000%
34	7.759	7.522	7.977	VV	1592	138560	1.07%	0.110%
35	8.009	7.977	8.021	PV	19	122	0.00%	0.000%
36	8.071	8.021	8.107	VV	35	873	0.01%	0.001%

rteres								
37	8.122	8.107	8.136	VV	10	107	0.00%	0.000%
38	8.285	8.136	8.331	PV	47	3657	0.03%	0.003%
39	8.575	8.331	8.664	VV	1269	135751	1.05%	0.107%
40	8.810	8.664	8.963	VV	7943	784239	6.05%	0.621%
41	9.023	8.963	9.043	VV	1888	88080	0.68%	0.070%
42	9.069	9.043	9.173	VV	1883	107970	0.83%	0.085%
43	9.243	9.173	9.275	VV	934	50532	0.39%	0.040%
44	9.397	9.275	9.544	VV	8214	599639	4.63%	0.475%
45	9.646	9.544	9.892	VV	7129	472704	3.65%	0.374%
46	10.033	9.892	10.074	PV	1136	62223	0.48%	0.049%
47	10.199	10.074	10.252	VV	12678	791440	6.11%	0.626%
48	10.309	10.252	10.409	VV	14523	958058	7.39%	0.758%
49	10.463	10.409	10.560	VV	6581	471635	3.64%	0.373%
50	10.626	10.560	10.702	VV	7293	390241	3.01%	0.309%
51	10.801	10.702	10.874	VV	7926	547716	4.23%	0.433%
52	10.978	10.874	11.082	VV	15964	1217215	9.39%	0.963%
53	11.168	11.082	11.336	VV	11555	948014	7.32%	0.750%
54	11.461	11.336	11.528	VV	6695	520645	4.02%	0.412%
55	11.761	11.528	11.810	VV	31421	3033163	23.41%	2.400%
56	11.882	11.810	11.978	VV	58653	3330665	25.70%	2.636%
57	12.092	11.978	12.243	VV	49303	3384409	26.12%	2.678%
58	12.332	12.243	12.441	VV	5592	376439	2.90%	0.298%
59	12.555	12.441	12.606	PV	4367	257698	1.99%	0.204%
60	12.770	12.606	12.904	VV	92329	5848421	45.13%	4.628%
61	13.027	12.904	13.126	VV	56705	4572171	35.28%	3.618%
62	13.189	13.126	13.253	VV	38536	1967861	15.19%	1.557%
63	13.325	13.253	13.437	VV	23547	1823785	14.07%	1.443%
64	13.546	13.437	13.672	VV	68199	4575503	35.31%	3.621%
65	13.825	13.672	13.862	VV	24960	2025602	15.63%	1.603%
66	13.921	13.862	13.998	VV	33296	1880847	14.51%	1.488%
67	14.209	13.998	14.329	VV	119458	12959081	100.00%	10.255%
68	14.432	14.329	14.534	PV	84324	4363119	33.67%	3.453%
69	14.698	14.534	14.777	VV	24695	1588074	12.25%	1.257%
70	14.848	14.777	14.910	VV	12939	693603	5.35%	0.549%
71	15.075	14.910	15.157	VV	201336	11284769	87.08%	8.930%
72	15.187	15.157	15.357	VV	77733	7773043	59.98%	6.151%
73	15.503	15.357	15.597	VV	111917	10813024	83.44%	8.557%
74	15.678	15.597	15.739	VV	47559	3040544	23.46%	2.406%
75	15.804	15.739	15.878	VV	59329	3023139	23.33%	2.392%
76	15.952	15.878	16.103	VV	50658	4448603	34.33%	3.521%
77	16.204	16.103	16.250	VV	138439	7037984	54.31%	5.570%
78	16.301	16.250	16.331	VV	131360	5705122	44.02%	4.515%
79	16.413	16.331	16.454	VBA	203084	12147872	93.74%	9.614%
Sum of corrected areas:					126362501			

FB102725.M Mon Nov 10 03:24:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032331.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 14:34
Operator : YP/AJ
Sample : Q3574-01 500X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:13:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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	362231	17.859 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

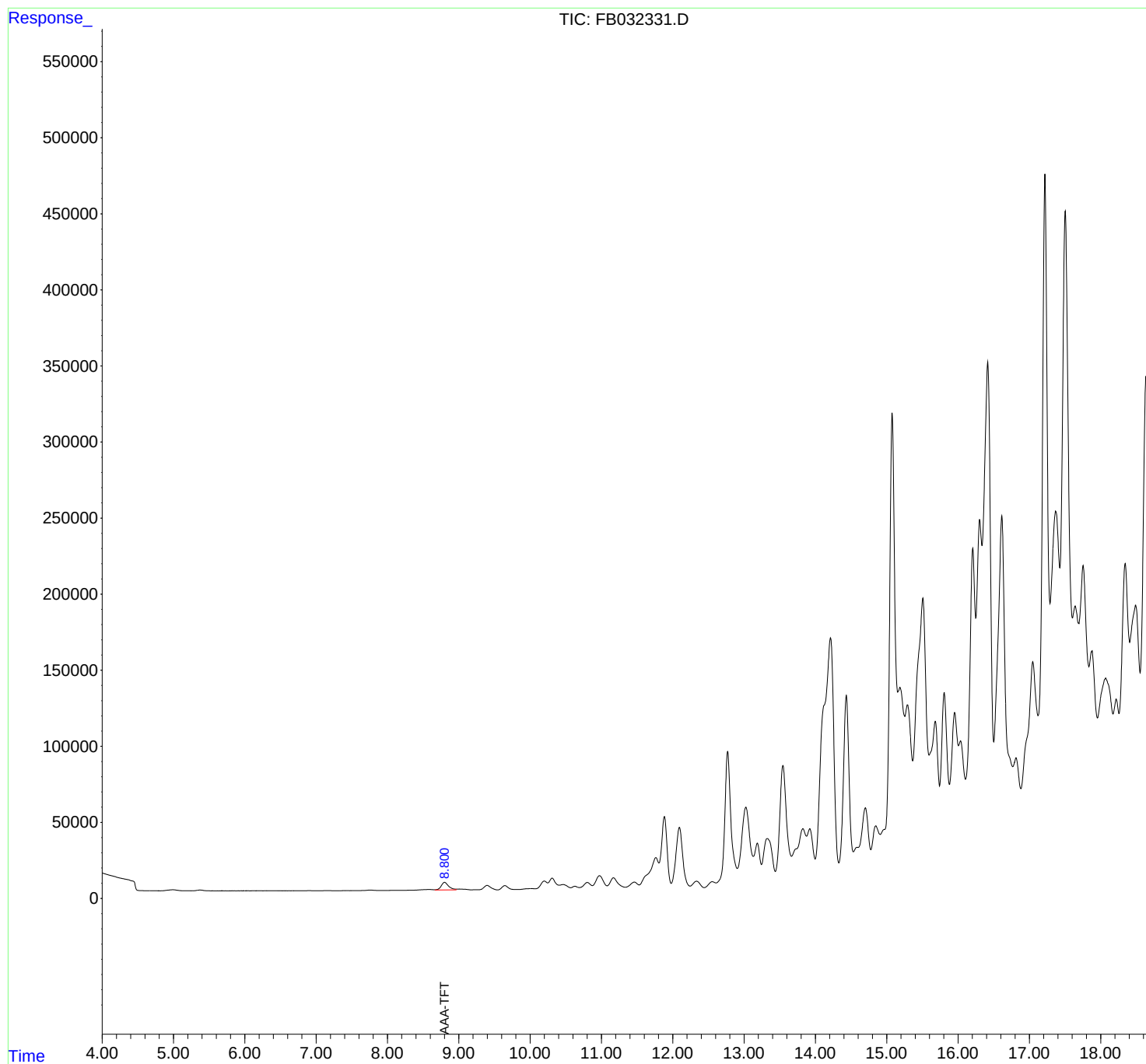
(m)=manual int.

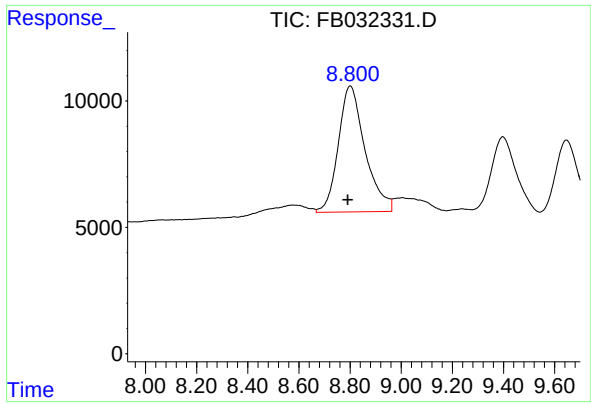
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032331.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 14:34
Operator : YP/AJ
Sample : Q3574-01 500X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:13:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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.: 0.010 min
Response: 362231
Conc: 17.86 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

A
B
C
D
E
F
G

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032331.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 14:34
Sample : Q3574-04 500X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.664	4.621	4.684	BV	15	152	0.00%	0.000%
2	4.713	4.684	4.722	PV	21	305	0.00%	0.000%
3	4.735	4.722	4.784	VV	22	567	0.00%	0.000%
4	4.802	4.784	4.816	PV	16	146	0.00%	0.000%
5	5.239	5.216	5.248	VV	26	380	0.00%	0.000%
6	5.538	5.528	5.565	VV	18	192	0.00%	0.000%
7	5.608	5.565	5.632	VV	12	297	0.00%	0.000%
8	5.669	5.632	5.689	VV	13	322	0.00%	0.000%
9	5.696	5.689	5.708	VV	17	132	0.00%	0.000%
10	5.729	5.708	5.756	VV	19	270	0.00%	0.000%
11	5.775	5.756	5.784	VV	11	143	0.00%	0.000%
12	5.793	5.784	5.802	VV	13	99	0.00%	0.000%
13	5.824	5.802	5.841	VV	24	302	0.00%	0.000%
14	5.852	5.841	5.893	PV	23	207	0.00%	0.000%
15	5.907	5.893	5.923	PV	26	263	0.00%	0.000%
16	5.941	5.923	5.969	VV	29	438	0.00%	0.000%
17	5.992	5.969	6.006	VV	35	339	0.00%	0.000%
18	6.016	6.006	6.024	VV	13	113	0.00%	0.000%
19	6.054	6.024	6.067	VV	33	444	0.00%	0.000%
20	6.137	6.067	6.152	VV	31	819	0.00%	0.001%
21	6.219	6.152	6.259	VV	23	988	0.00%	0.001%
22	6.289	6.259	6.306	VV	24	489	0.00%	0.000%
23	6.347	6.306	6.368	VV	40	1113	0.01%	0.001%
24	6.396	6.368	6.417	VV	45	1152	0.01%	0.001%
25	6.431	6.417	6.463	VV	48	795	0.00%	0.001%
26	6.473	6.463	6.486	VV	37	262	0.00%	0.000%
27	6.493	6.486	6.510	VV	22	207	0.00%	0.000%
28	6.519	6.510	6.533	VV	21	183	0.00%	0.000%
29	6.554	6.533	6.571	VV	24	353	0.00%	0.000%
30	6.585	6.571	6.597	VV	19	202	0.00%	0.000%
31	6.617	6.597	6.626	VV	40	348	0.00%	0.000%
32	6.632	6.626	6.643	VV	33	174	0.00%	0.000%
33	6.725	6.643	6.734	PV	31	634	0.00%	0.000%
34	6.770	6.734	6.794	VV	22	508	0.00%	0.000%
35	6.901	6.794	7.003	VV	100	6831	0.03%	0.005%
36	7.011	7.003	7.028	VV	20	233	0.00%	0.000%

					rteres			
37	7.081	7.028	7.089	VV	62	1465	0.01%	0.001%
38	7.156	7.089	7.165	VV	126	4298	0.02%	0.003%
39	7.178	7.165	7.281	VV	124	3631	0.02%	0.003%
40	7.291	7.281	7.304	PV	7	53	0.00%	0.000%
41	7.380	7.304	7.407	VV	45	1456	0.01%	0.001%
42	7.418	7.407	7.429	VV	40	424	0.00%	0.000%
43	7.443	7.429	7.474	VV	42	692	0.00%	0.000%
44	7.482	7.474	7.487	VV	8	64	0.00%	0.000%
45	7.520	7.487	7.529	VV	13	233	0.00%	0.000%
46	7.541	7.529	7.552	VV	12	117	0.00%	0.000%
47	7.569	7.552	7.581	VV	16	142	0.00%	0.000%
48	7.754	7.581	7.865	PV	344	25901	0.13%	0.018%
49	7.876	7.865	7.908	VV	61	1260	0.01%	0.001%
50	7.915	7.908	7.947	VV	36	506	0.00%	0.000%
51	7.957	7.947	7.969	VV	8	89	0.00%	0.000%
52	8.067	7.969	8.094	PV	62	2902	0.01%	0.002%
53	8.105	8.094	8.113	VV	55	565	0.00%	0.000%
54	8.136	8.113	8.144	VV	51	869	0.00%	0.001%
55	8.285	8.144	8.294	VV	91	5899	0.03%	0.004%
56	8.347	8.294	8.364	VV	115	3915	0.02%	0.003%
57	8.579	8.364	8.668	VV	522	65272	0.32%	0.046%
58	8.801	8.668	8.963	VV	5183	396025	1.93%	0.277%
59	9.006	8.963	9.177	VV	714	66592	0.32%	0.047%
60	9.240	9.177	9.280	VV	213	11216	0.05%	0.008%
61	9.397	9.280	9.543	VV	3031	205789	1.00%	0.144%
62	9.647	9.543	9.835	PV	2801	174345	0.85%	0.122%
63	10.024	9.835	10.072	VV	644	65138	0.32%	0.046%
64	10.199	10.072	10.248	VV	5529	340892	1.66%	0.239%
65	10.309	10.248	10.410	VV	7388	486150	2.37%	0.340%
66	10.463	10.410	10.570	VV	3075	222737	1.09%	0.156%
67	10.628	10.570	10.691	VV	1874	101306	0.49%	0.071%
68	10.803	10.691	10.873	VV	4276	297315	1.45%	0.208%
69	10.974	10.873	11.080	VV	8627	651660	3.18%	0.456%
70	11.169	11.080	11.336	VV	7157	559181	2.73%	0.392%
71	11.462	11.336	11.530	VV	4172	311117	1.52%	0.218%
72	11.764	11.530	11.807	VV	20092	1867261	9.11%	1.308%
73	11.883	11.807	11.979	VV	47072	2659722	12.98%	1.863%
74	12.094	11.979	12.243	VV	39834	2662260	12.99%	1.865%
75	12.334	12.243	12.441	VV	4288	287031	1.40%	0.201%
76	12.554	12.441	12.608	PV	2957	170878	0.83%	0.120%
77	12.770	12.608	12.905	VV	86737	5222930	25.48%	3.658%
78	13.026	12.905	13.130	VV	47882	3828914	18.68%	2.682%
79	13.187	13.130	13.245	VV	22880	1166096	5.69%	0.817%
80	13.327	13.245	13.439	VV	24638	1905745	9.30%	1.335%
81	13.546	13.439	13.667	VV	70844	4542841	22.16%	3.182%
82	13.825	13.667	13.876	VV	26899	2335898	11.40%	1.636%
83	13.921	13.876	13.997	VV	26051	1377235	6.72%	0.965%
84	14.212	13.997	14.330	VV	148937	15458869	75.42%	10.827%
85	14.434	14.330	14.534	PV	108047	5519152	26.93%	3.865%
86	14.701	14.534	14.779	VV	29097	1783241	8.70%	1.249%
87	14.848	14.779	14.909	PV	14384	721901	3.52%	0.506%
88	15.077	14.909	15.253	VV	280680	20497737	100.00%	14.356%
89	15.291	15.253	15.364	VV	85103	4827568	23.55%	3.381%

					rteres			
90	15.506	15.364	15.597	VV	151097	13637594	66.53%	9.551%
91	15.680	15.597	15.742	VV	66533	4356588	21.25%	3.051%
92	15.807	15.742	15.881	VV	82788	4241359	20.69%	2.971%
93	15.954	15.881	16.009	VV	66841	3705613	18.08%	2.595%
94	16.034	16.009	16.105	VV	46795	2130908	10.40%	1.492%
95	16.208	16.105	16.249	VV	169501	8529023	41.61%	5.974%
96	16.305	16.249	16.335	VV	186606	8417797	41.07%	5.896%
97	16.416	16.335	16.454	VBA	287630	16896647	82.43%	11.834%
				Sum of corrected areas:		142780424		

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032332.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 15:37
 Operator : YP/AJ
 Sample : Q3574-01 5000X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 304641-01 Liquid

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File: Calibration.e
 Quant Time: Nov 10 01:13:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:57:39 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	353006	17.404 ng/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032332.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 15:37
Operator : YP/AJ
Sample : Q3574-01 5000X
Misc :
ALS Vial : 5 Sample Multiplier: 1

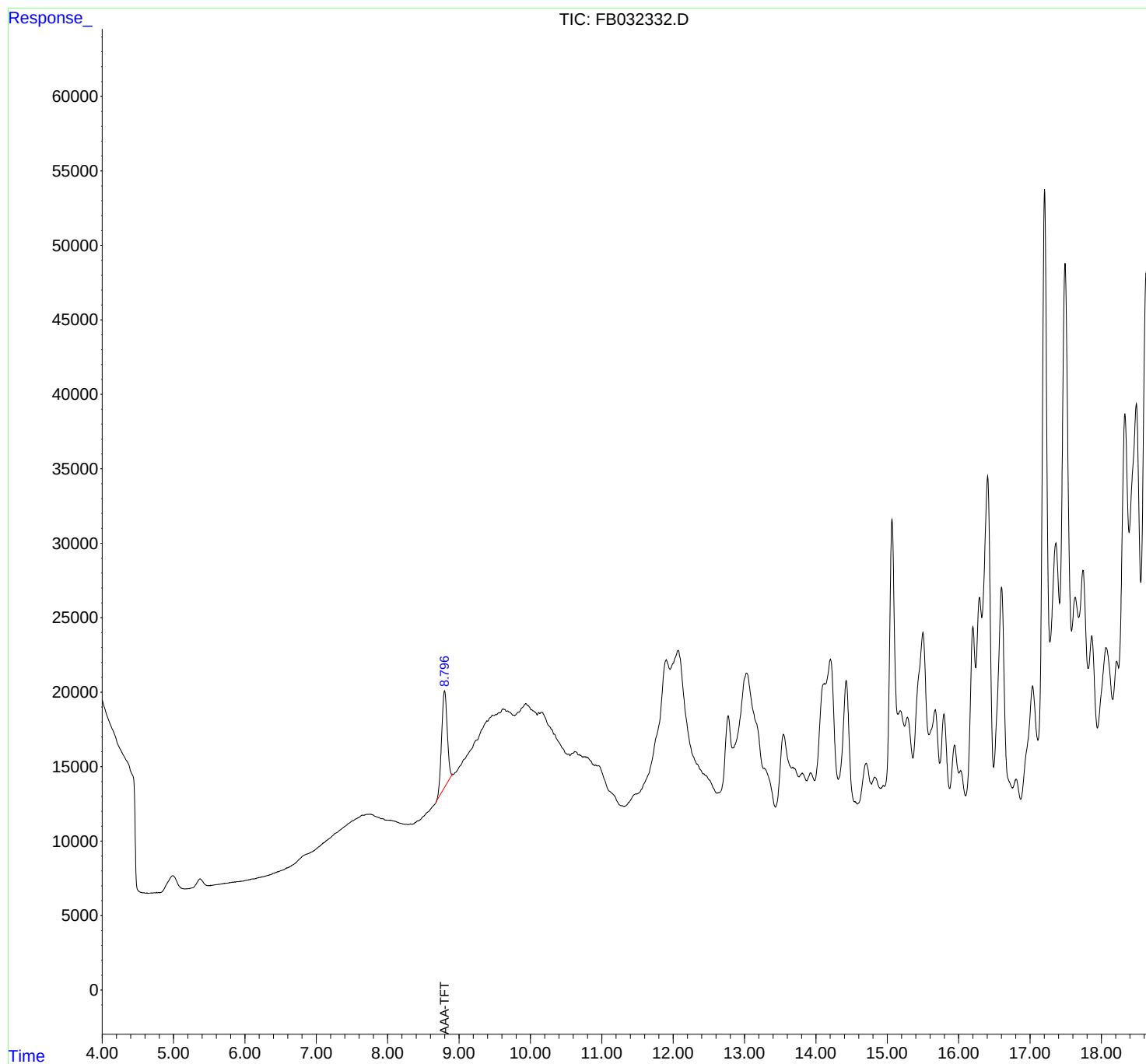
Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

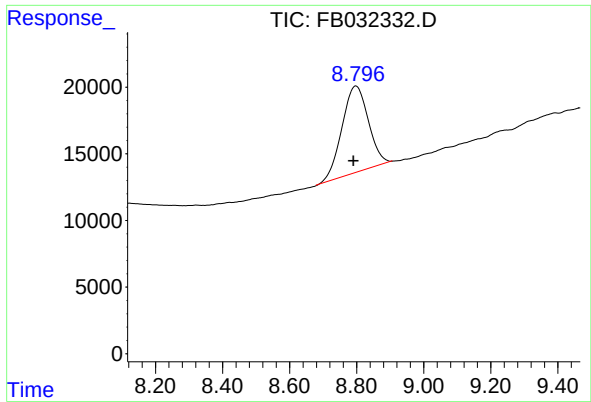
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File: Calibration.e
Quant Time: Nov 10 01:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 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.: 8.796 min
Delta R.T.: 0.006 min
Response: 353006
Conc: 17.40 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

A
B
C
D
E
F
G

nteres

Instrument :

FID_B

ClientSampleId :

304641-01 Liquid

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 11/10/2025

Supervised By :Yogesh Patel 11/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB11072
Data File : FB032332.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 15:37
Sample : Q3574-04 5000X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.583	4.537	4.611	BV	13	106	0.00%	0.000%
2	4.626	4.611	4.646	PV	27	249	0.01%	0.001%
3	4.689	4.646	4.699	PV	20	249	0.01%	0.001%
4	4.746	4.699	4.756	PV	20	429	0.02%	0.001%
5	4.765	4.756	4.778	VV	30	193	0.01%	0.001%
6	4.788	4.778	4.801	VV	17	136	0.01%	0.000%
7	5.178	5.155	5.190	VV	50	892	0.03%	0.003%
8	5.721	5.507	5.728	VV	103	10775	0.41%	0.035%
9	5.796	5.728	5.803	VV	112	4384	0.17%	0.014%
10	5.860	5.803	5.869	VV	119	4282	0.16%	0.014%
11	5.890	5.869	5.901	VV	112	2063	0.08%	0.007%
12	6.592	5.901	6.599	VV	644	117723	4.53%	0.382%
13	7.648	6.599	7.671	VV	3571	1378157	53.08%	4.466%
14	7.753	7.671	7.911	VV	3575	496996	19.14%	1.611%
15	7.921	7.911	7.991	VV	3175	149017	5.74%	0.483%
16	8.003	7.991	8.095	VV	3034	184878	7.12%	0.599%
17	8.102	8.095	8.247	VV	2909	251322	9.68%	0.815%
18	8.260	8.247	8.283	VV	2612	54695	2.11%	0.177%
19	8.321	8.283	8.347	VV	2595	99839	3.84%	0.324%
20	8.798	8.347	8.901	VV	11263	1595173	61.43%	5.170%
21	9.469	8.901	9.489	VV	9218	2596613	100.00%	8.415%
22	9.618	9.489	9.667	VV	9562	1000313	38.52%	3.242%
23	9.681	9.667	9.780	VV	9394	629898	24.26%	2.041%
24	9.937	9.780	10.095	VV	9734	1763505	67.92%	5.715%
25	10.117	10.095	10.133	VV	9040	204760	7.89%	0.664%
26	10.156	10.133	10.519	VV	9030	1744606	67.19%	5.654%
27	10.533	10.519	10.555	VV	6009	129559	4.99%	0.420%
28	10.625	10.555	10.744	VV	6125	673896	25.95%	2.184%
29	10.756	10.744	10.945	VV	5702	646364	24.89%	2.095%
30	10.958	10.945	11.315	VV	4987	721215	27.78%	2.337%
31	11.904	11.315	11.957	VV	11556	2008470	77.35%	6.509%
32	12.071	11.957	12.616	VV	12088	2507182	96.56%	8.125%
33	12.772	12.616	12.832	VV	7295	564854	21.75%	1.831%
34	13.030	12.832	13.434	VV	10005	2063396	79.46%	6.687%
35	13.547	13.434	13.661	VV	5596	487045	18.76%	1.578%
36	13.677	13.661	13.767	VV	3320	192290	7.41%	0.623%

					rters				
37	13.809	13.767	13.875	VV	2839	171159	6.59%	0.555%	
38	13.927	13.875	13.983	VV	2788	163632			
39	14.204	13.983	14.315	VV	10259	1314748			
40	14.426	14.315	14.582	VV	8703	580932			
41	14.705	14.582	14.779	VV	2991	208012			
42	14.824	14.779	14.907	VV	1981	126548			
43	14.946	14.907	14.961	VV	1350	40911	1.58%	0.133%	
44	15.067	14.961	15.153	VV	19150	1036416	39.91%	3.359%	
45	15.184	15.153	15.243	VV	6242	317698	12.24%	1.030%	
46	15.284	15.243	15.360	VV	5735	336401	12.96%	1.090%	
47	15.500	15.360	15.590	VV	11329	1014448	39.07%	3.288%	
48	15.672	15.590	15.737	VV	6021	415899	16.02%	1.348%	
49	15.795	15.737	15.875	VV	5663	278683	10.73%	0.903%	
50	15.944	15.875	16.004	VV	3489	172561	6.65%	0.559%	
51	16.029	16.004	16.099	VV	1726	60858	2.34%	0.197%	
52	16.201	16.099	16.240	PV	11215	499537	19.24%	1.619%	
53	16.293	16.240	16.326	VV	13073	590419	22.74%	1.913%	
54	16.407	16.326	16.453	VBA	21083	1241501	47.81%	4.024%	
Sum of corrected areas:						30855887			

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Manual IntegrationsAPPROVED
Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

FB102725.M Mon Nov 10 03:49:15 2025