SAMPLE DATA

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	80.9 Decanted:
Sample Wt/Vol:	4.75 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
FB031721.D	1	05/13/25 18:12	FB051325

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	7.64	*	50 - 150	38%	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

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85 Decanted:
Sample Wt/Vol:	4.77 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
FB031722.D	1	05/13/25 18:40	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	10.0	U	10.0	55.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	6.27	*	50 - 150	31%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	90.7 Decanted:
Sample Wt/Vol:	4.35 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
FB031723.D	1	05/13/25 19:07	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	13.0	J	10.0	57.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.2		50 - 150	91%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.4 Decanted:
Sample Wt/Vol:	6.51 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
FB031710.D	1	05/13/25 11:54	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	J	7.00	40.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.6		50 - 150	83%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.9 Decanted:
Sample Wt/Vol:	5.65 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
FB031711.D	1	05/13/25 12:21	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	U	8.00	44.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.8		50 - 150	84%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.2 Decanted:
Sample Wt/Vol:	4.26 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
FB031724.D	1	05/13/25 19:35	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	11.0	U	11.0	61.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.0		50 - 150	95%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.7 Decanted:
Sample Wt/Vol:	5.46 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
FB031739.D	50	05/14/25 11:58	FB051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	596	J	452	2460	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.7		50 - 150	88%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81.3 Decanted:
Sample Wt/Vol:	5.8 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
FB031716.D	1	05/13/25 15:53	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	9.00	U	9.00	48.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	12.2		50 - 150	61%	SPK: 20

Comments:

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QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: CDM Smith

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

EPA SAMPLE NO.	S1 AAA-TFT		S2	S3	S4	TOT OUT
VBF0513S1	109					0
BSF0513S1	84					0
TP-4	83					0
TP-5	84					0
BSF0513S2	105					0
TP-9	61					0
TP-1	38	*				1
TP-2B	31	*				1
TP-3	91					0
TP-6	95					0
VBF0514S2	104					0
BSF0514S1	119					0
TP-8	88					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: Chemtech **Client:** CDM Smith

Lab Code: CHEM **Cas No:** Q1982 **SAS No :** Q1982 **SDG No:** Q1982

Matrix Spike - EPA Sample No : BSF0513S1 **Datafile:** FB031707.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	225	125	50-150

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

Lab Name: Chemtech **Client:** CDM Smith

Lab Code: CHEM **Cas No:** Q1982 **SAS No :** Q1982 **SDG No:** Q1982

Matrix Spike - EPA Sample No : BSF0513S2 **Datafile:** FB031714.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	227	126	50-150

LCS/LCSD % Recovery RPD : 0.9

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

Lab Name: Chemtech **Client:** CDM Smith

Lab Code: CHEM **Cas No:** Q1982 **SAS No :** Q1982 **SDG No:** Q1982

Matrix Spike - EPA Sample No : BSF0514S1 **Datafile:** FB031738.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	184	102	50-150

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0513S1

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: FB031705.D Lab Sample ID: VBF0513S1

Date Analyzed: 05/13/25 Time Analyzed: 9:24

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0513S1	BSF0513S1	FB031707.D	05/13/25
TP-4	Q1982-04	FB031710.D	05/13/25
TP-5	Q1982-05	FB031711.D	05/13/25
BSF0513S2	BSF0513S2	FB031714.D	05/13/25
TP-9	Q1982-08	FB031716.D	05/13/25
TP-1	Q1982-01	FB031721.D	05/13/25
TP-2B	Q1982-02	FB031722.D	05/13/25
TP-3	Q1982-03	FB031723.D	05/13/25
TP-6	Q1982-06	FB031724.D	05/13/25

COMMENTS:

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0514S2

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: FB031737.D Lab Sample ID: VBF0514S2

Date Analyzed: 05/14/25 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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0514S1	BSF0514S1	FB031738.D	05/14/25
TP-8	Q1982-07	FB031739.D	05/14/25

COMMENTS:

QC SAMPLE DATA

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	VBF0513S1	SDG No.:	Q1982
Lab Sample ID:	VBF0513S1	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
FB031705.D	1	05/13/25 9:24	FB051325

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	21.9		50 - 150	109%	SPK: 20

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Raw Data: **FB031737.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	VBF0514S2	SDG No.:	Q1982
Lab Sample ID:	VBF0514S2	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
FB031737.D	50	05/14/25 11:04	FB051425

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	20.8		50 - 150	104%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0513S1	SDG No.:	Q1982
Lab Sample ID:	BSF0513S1	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
FB031707.D	1	05/13/25 10:19	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	225		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.8		50 - 150	84%	SPK: 20

Comments:

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MDL = Method Detection Limit
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B = Analyte Found in Associated Method Blank
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Raw Data: **FB031738.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0514S1	SDG No.:	Q1982
Lab Sample ID:	BSF0514S1	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
FB031738.D	1	05/14/25 11:31	FB051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	184		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	23.8		50 - 150	119%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	BSF0513S2	SDG No.:	Q1982
Lab Sample ID:	BSF0513S2	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
FB031714.D	1	05/13/25 13:54	FB051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	227		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.0		50 - 150	105%	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

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: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

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

AVG RF : 33435 **% RSD : 6.655** **AVG RT : 8.7924**

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

DataFile: FB031704.D Analyst Name: YP/AJ Analyst Date: 05-13-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5193284	28852	33435	13.707

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

DataFile: FB031715.D Analyst Name: YP/AJ Analyst Date: 05-13-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6372573	35403	33435	5.886

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

DataFile: FB031726.D Analyst Name: YP/AJ Analyst Date: 05-13-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5485479	30475	33435	8.853

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

DataFile: FB031735.D Analyst Name: YP/AJ Analyst Date: 05-14-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5282127	29345	33435	12.233

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CAMP02

ProjectID: South River WM Replacement

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

DataFile: FB031742.D Analyst Name: YP/AJ Analyst Date: 05-14-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6336001	35200	33435	5.279

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Fax : 908 789 8922

Analytical Sequence

Client: CDM Smith **SDG No.:** Q1982

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 **8.7924**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	13 May 2025 8:44	FB031704.D	8.792	
VBF0513S1	VBF0513S1	13 May 2025 9:24	FB031705.D	8.793	
BSF0513S1	BSF0513S1	13 May 2025 10:19	FB031707.D	8.792	
TP-4	Q1982-04	13 May 2025 11:54	FB031710.D	8.793	
TP-5	Q1982-05	13 May 2025 12:21	FB031711.D	8.794	
BSF0513S2	BSF0513S2	13 May 2025 13:54	FB031714.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	13 May 2025 14:22	FB031715.D	8.795	
TP-9	Q1982-08	13 May 2025 15:53	FB031716.D	8.794	
TP-1	Q1982-01	13 May 2025 18:12	FB031721.D	8.795	
TP-2B	Q1982-02	13 May 2025 18:40	FB031722.D	8.794	
TP-3	Q1982-03	13 May 2025 19:07	FB031723.D	8.795	
TP-6	Q1982-06	13 May 2025 19:35	FB031724.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	13 May 2025 20:30	FB031726.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	14 May 2025 9:26	FB031735.D	8.792	
VBF0514S2	VBF0514S2	14 May 2025 11:04	FB031737.D	8.795	
BSF0514S1	BSF0514S1	14 May 2025 11:31	FB031738.D	8.795	
TP-8	Q1982-07	14 May 2025 11:58	FB031739.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	14 May 2025 13:20	FB031742.D	8.795	

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

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6924	8.8924

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031721.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:12
Operator : YP/AJ
Sample : Q1982-01
Misc : 4.75G/5.00 ML DI WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-1

Integration File: Calibration.e
Quant Time: May 14 07:22:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.795	175117	7.636 ng/ml
	Target Compounds			

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

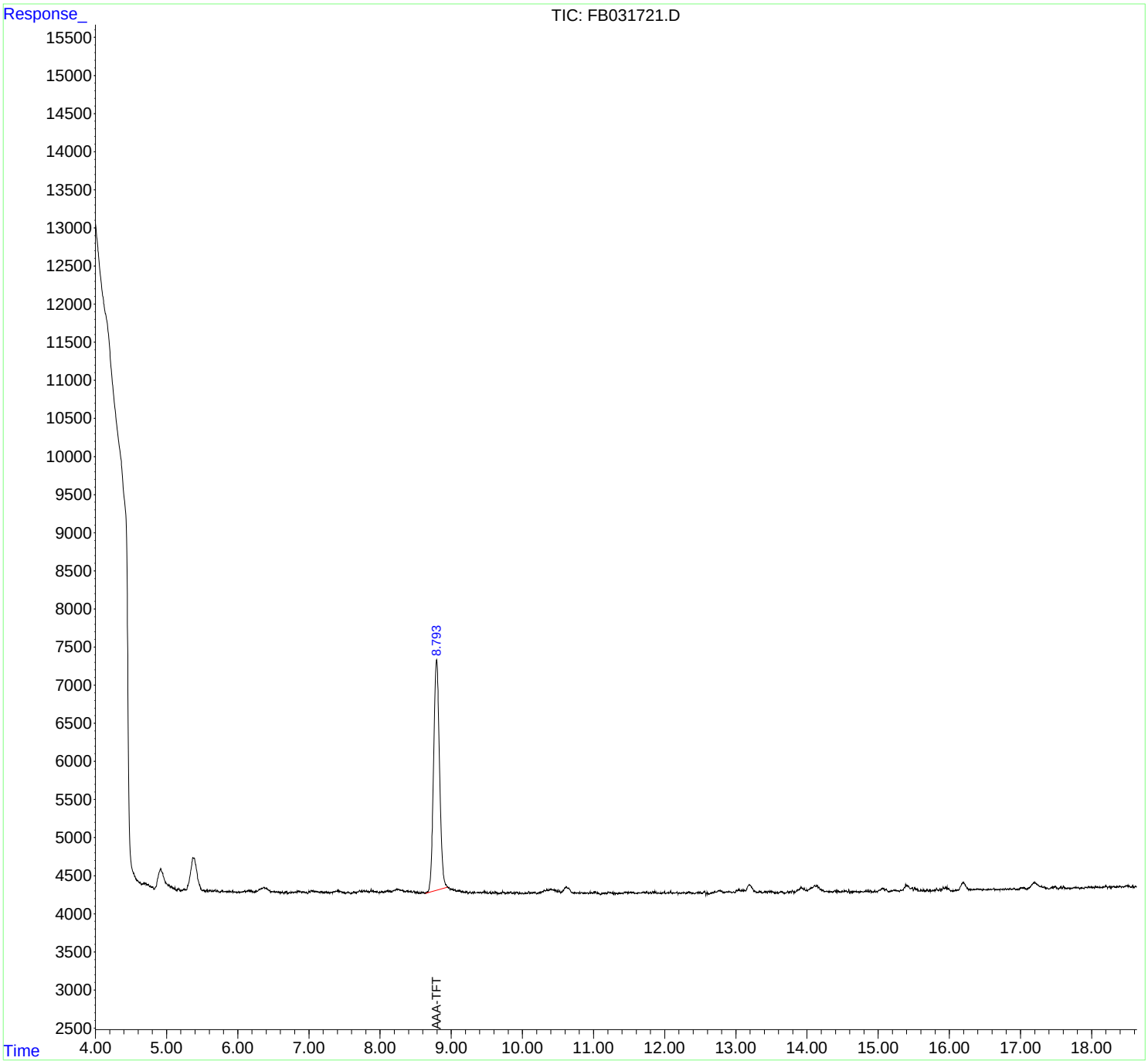
Sample Results: **FB031721.D**

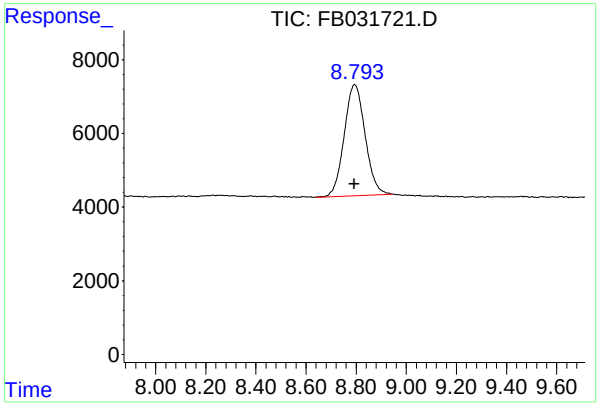
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031721.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:12
Operator : YP/AJ
Sample : Q1982-01
Misc : 4.75G/5.00 ML DI WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-1

Integration File: Calibration.e
Quant Time: May 14 07:22:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.:	8.795 min
Delta R.T.:	0.003 mi
Response:	175117
Conc:	7.64 ng/m

Instrument :
FID_B
ClientSampleId :
TP-1

A B C D E F G H I

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031721.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:12
Sample : Q1982-01
Misc : 4.75G/5.00 ML DI WATER
ALS Vial : 15 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.685	4.621	4.729	BV	23	612	0.33%	0.158%
2	4.745	4.729	4.762	VV	29	348	0.19%	0.090%
3	4.772	4.762	4.788	VV	18	206	0.11%	0.053%
4	4.800	4.788	4.823	VV	22	282	0.15%	0.073%
5	5.037	5.024	5.107	VV	72	2283	1.22%	0.591%
6	5.121	5.107	5.146	VV	39	399	0.21%	0.103%
7	5.169	5.146	5.202	VV	29	453	0.24%	0.117%
8	5.214	5.202	5.225	PV	14	98	0.05%	0.025%
9	5.240	5.225	5.275	VV	29	588	0.32%	0.152%
10	5.522	5.507	5.550	VV	27	407	0.22%	0.105%
11	5.560	5.550	5.583	PV	21	295	0.16%	0.076%
12	5.595	5.583	5.609	VV	25	227	0.12%	0.059%
13	5.616	5.609	5.634	VV	26	265	0.14%	0.069%
14	5.643	5.634	5.666	VV	24	284	0.15%	0.074%
15	5.683	5.666	5.700	VV	32	411	0.22%	0.106%
16	5.713	5.700	5.742	VV	30	413	0.22%	0.107%
17	5.751	5.742	5.756	PV	9	50	0.03%	0.013%
18	5.789	5.756	5.798	VV	33	426	0.23%	0.110%
19	5.842	5.798	5.859	VV	20	501	0.27%	0.130%
20	5.866	5.859	5.872	VV	18	96	0.05%	0.025%
21	5.883	5.872	5.915	VV	28	391	0.21%	0.101%
22	5.927	5.915	5.938	VV	29	259	0.14%	0.067%
23	5.949	5.938	5.963	VV	19	194	0.10%	0.050%
24	5.975	5.963	5.996	VV	17	167	0.09%	0.043%
25	6.017	5.996	6.027	VV	21	214	0.11%	0.055%
26	6.097	6.027	6.113	PV	34	938	0.50%	0.243%
27	6.156	6.113	6.166	VV	42	916	0.49%	0.237%
28	6.176	6.166	6.205	VV	43	667	0.36%	0.173%
29	6.212	6.205	6.224	VV	29	233	0.12%	0.060%
30	6.244	6.224	6.252	VV	30	302	0.16%	0.078%
31	6.268	6.252	6.278	VV	32	396	0.21%	0.102%
32	6.367	6.278	6.405	VV	81	4577	2.45%	1.184%
33	6.412	6.405	6.472	VV	68	1694	0.91%	0.438%
34	6.482	6.472	6.503	VV	27	429	0.23%	0.111%
35	6.515	6.503	6.536	VV	32	459	0.25%	0.119%
36	6.548	6.536	6.566	VV	27	337	0.18%	0.087%

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37	6.573	6.566	6.616	VV	28	460	0.25%	0.119%
38	6.629	6.616	6.651	VV	25	249	0.13%	0.064%
39	6.660	6.651	6.668	PV	20	116	0.06%	0.030%
40	6.683	6.668	6.714	VV	28	382	0.20%	0.099%
41	6.726	6.714	6.756	VV	19	308	0.17%	0.080%
42	6.774	6.756	6.784	VV	24	265	0.14%	0.069%
43	6.858	6.784	6.866	VV	35	1110	0.59%	0.287%
44	6.879	6.866	6.902	VV	32	544	0.29%	0.141%
45	6.924	6.902	6.949	VV	29	593	0.32%	0.153%
46	6.968	6.949	6.983	VV	18	234	0.13%	0.061%
47	7.003	6.983	7.020	PV	31	390	0.21%	0.101%
48	7.033	7.020	7.052	VV	41	580	0.31%	0.150%
49	7.061	7.052	7.071	VV	37	304	0.16%	0.079%
50	7.087	7.071	7.103	VV	25	284	0.15%	0.073%
51	7.112	7.103	7.166	VB	16	201	0.11%	0.052%
52	7.188	7.167	7.199	BV	14	125	0.07%	0.032%
53	7.206	7.199	7.215	PV	14	72	0.04%	0.019%
54	7.224	7.215	7.231	PV	17	101	0.05%	0.026%
55	7.242	7.231	7.266	VV	24	322	0.17%	0.083%
56	7.274	7.266	7.295	VV	15	164	0.09%	0.042%
57	7.305	7.295	7.310	VV	17	114	0.06%	0.029%
58	7.315	7.310	7.326	VV	19	150	0.08%	0.039%
59	7.351	7.326	7.370	VV	29	568	0.30%	0.147%
60	7.379	7.370	7.388	VV	36	328	0.18%	0.085%
61	7.421	7.388	7.469	VV	45	1547	0.83%	0.400%
62	7.479	7.469	7.492	VV	25	261	0.14%	0.067%
63	7.503	7.492	7.514	VV	26	203	0.11%	0.052%
64	7.548	7.514	7.591	VV	30	759	0.41%	0.196%
65	7.600	7.591	7.608	PV	17	108	0.06%	0.028%
66	7.637	7.608	7.670	VV	34	828	0.44%	0.214%
67	7.712	7.670	7.730	VV	52	1184	0.63%	0.306%
68	7.748	7.730	7.758	VV	50	608	0.33%	0.157%
69	7.773	7.758	7.782	VV	51	600	0.32%	0.155%
70	7.790	7.782	7.825	VV	42	980	0.52%	0.253%
71	7.835	7.825	7.845	VV	44	401	0.22%	0.104%
72	7.875	7.845	7.890	VV	64	1032	0.55%	0.267%
73	7.903	7.890	7.920	VV	52	709	0.38%	0.184%
74	7.929	7.920	7.950	VV	38	606	0.32%	0.157%
75	7.958	7.950	7.976	VV	37	409	0.22%	0.106%
76	8.000	7.976	8.011	VV	31	509	0.27%	0.132%
77	8.032	8.011	8.048	VV	36	639	0.34%	0.165%
78	8.069	8.048	8.081	VV	43	630	0.34%	0.163%
79	8.095	8.081	8.123	VV	46	1016	0.54%	0.263%
80	8.133	8.123	8.172	VV	50	1057	0.57%	0.273%
81	8.229	8.172	8.240	VV	68	2146	1.15%	0.555%
82	8.265	8.240	8.295	VV	66	1966	1.05%	0.509%
83	8.314	8.295	8.353	VV	57	1537	0.82%	0.398%
84	8.380	8.353	8.390	VV	51	906	0.49%	0.234%
85	8.395	8.390	8.407	VV	44	365	0.20%	0.095%
86	8.440	8.407	8.451	VV	43	919	0.49%	0.238%
87	8.474	8.451	8.495	VV	43	825	0.44%	0.213%
88	8.532	8.495	8.544	VV	34	719	0.39%	0.186%
89	8.554	8.544	8.579	VV	23	345	0.18%	0.089%

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90	8.587	8.579	8.651	VV	26	868	0.46%	0.224%
91	8.795	8.651	8.988	VV	3076	186727	100.00%	48.299%
92	8.998	8.988	9.007	VV	79	825	0.44%	0.213%
93	9.013	9.007	9.037	VV	68	1134	0.61%	0.293%
94	9.054	9.037	9.085	VV	66	1470	0.79%	0.380%
95	9.098	9.085	9.110	VV	53	659	0.35%	0.171%
96	9.116	9.110	9.151	VV	54	1016	0.54%	0.263%
97	9.159	9.151	9.178	VV	45	560	0.30%	0.145%
98	9.205	9.178	9.237	VV	37	993	0.53%	0.257%
99	9.265	9.237	9.283	VV	34	609	0.33%	0.158%
100	9.302	9.283	9.315	VV	27	424	0.23%	0.110%
101	9.326	9.315	9.341	VV	38	374	0.20%	0.097%
102	9.377	9.341	9.394	VV	28	767	0.41%	0.198%
103	9.405	9.394	9.428	VV	25	501	0.27%	0.130%
104	9.460	9.428	9.493	VV	44	1161	0.62%	0.300%
105	9.503	9.493	9.523	VV	33	367	0.20%	0.095%
106	9.542	9.523	9.572	VV	31	603	0.32%	0.156%
107	9.585	9.572	9.605	VV	27	410	0.22%	0.106%
108	9.617	9.605	9.629	VV	37	385	0.21%	0.099%
109	9.637	9.629	9.664	VV	31	404	0.22%	0.104%
110	9.676	9.664	9.708	VV	16	416	0.22%	0.108%
111	9.725	9.708	9.739	VV	42	518	0.28%	0.134%
112	9.748	9.739	9.779	VV	31	427	0.23%	0.111%
113	9.813	9.779	9.820	VV	31	550	0.29%	0.142%
114	9.838	9.820	9.858	VV	35	571	0.31%	0.148%
115	9.870	9.858	9.878	VV	26	228	0.12%	0.059%
116	9.886	9.878	9.895	VV	29	203	0.11%	0.053%
117	9.921	9.895	9.948	VV	34	696	0.37%	0.180%
118	9.960	9.948	9.973	VV	27	256	0.14%	0.066%
119	9.986	9.973	9.995	VV	18	210	0.11%	0.054%
120	10.006	9.995	10.018	VV	24	237	0.13%	0.061%
121	10.038	10.018	10.053	VV	26	320	0.17%	0.083%
122	10.062	10.053	10.078	VV	22	259	0.14%	0.067%
123	10.090	10.078	10.119	VV	41	632	0.34%	0.163%
124	10.130	10.119	10.145	VV	25	327	0.18%	0.085%
125	10.155	10.145	10.164	VV	32	291	0.16%	0.075%
126	10.179	10.164	10.199	VV	35	496	0.27%	0.128%
127	10.213	10.199	10.223	VV	24	233	0.12%	0.060%
128	10.307	10.223	10.331	VV	60	2405	1.29%	0.622%
129	10.346	10.331	10.358	VV	72	922	0.49%	0.239%
130	10.373	10.358	10.382	VV	63	826	0.44%	0.214%
131	10.400	10.382	10.466	VV	70	3150	1.69%	0.815%
132	10.474	10.466	10.488	VV	61	688	0.37%	0.178%
133	10.502	10.488	10.514	VV	65	704	0.38%	0.182%
134	10.524	10.514	10.543	VV	51	643	0.34%	0.166%
135	10.617	10.543	10.722	VV	108	6536	3.50%	1.691%
136	10.742	10.722	10.757	VV	26	500	0.27%	0.129%
137	10.782	10.757	10.797	VV	27	522	0.28%	0.135%
138	10.808	10.797	10.816	VV	34	255	0.14%	0.066%
139	10.834	10.816	10.850	VV	32	502	0.27%	0.130%
140	10.891	10.850	10.929	VV	27	1010	0.54%	0.261%
141	10.951	10.929	10.961	VV	37	449	0.24%	0.116%

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142	10.972	10.961	10.981	VV	30	277	0.15%	0.072%
143	11.009	10.981	11.019	VV	43	621	0.33%	0.161%
144	11.029	11.019	11.065	VV	43	771	0.41%	0.199%
145	11.072	11.065	11.103	VV	23	271	0.15%	0.070%
146	11.169	11.103	11.189	PV	26	893	0.48%	0.231%
147	11.221	11.189	11.262	VV	35	1159	0.62%	0.300%
148	11.271	11.262	11.283	VV	26	256	0.14%	0.066%
149	11.295	11.283	11.306	VV	32	242	0.13%	0.063%
150	11.315	11.306	11.324	VV	24	181	0.10%	0.047%
151	11.331	11.324	11.340	VV	20	151	0.08%	0.039%
152	11.354	11.340	11.377	VV	26	397	0.21%	0.103%
153	11.406	11.377	11.417	VV	25	470	0.25%	0.121%
154	11.433	11.417	11.445	VV	39	473	0.25%	0.122%
155	11.460	11.445	11.482	VV	37	661	0.35%	0.171%
156	11.487	11.482	11.503	VV	40	374	0.20%	0.097%
157	11.519	11.503	11.548	VV	36	821	0.44%	0.212%
158	11.555	11.548	11.603	VV	34	808	0.43%	0.209%
159	11.632	11.603	11.651	VV	30	658	0.35%	0.170%
160	11.698	11.651	11.708	VV	35	938	0.50%	0.243%
161	11.714	11.708	11.733	VV	34	443	0.24%	0.115%
162	11.747	11.733	11.787	VV	47	875	0.47%	0.226%
163	11.802	11.787	11.818	VV	39	514	0.28%	0.133%
164	11.832	11.818	11.841	VV	43	441	0.24%	0.114%
165	11.850	11.841	11.866	VV	42	471	0.25%	0.122%
166	11.878	11.866	11.895	VV	38	465	0.25%	0.120%
167	11.907	11.895	11.920	VV	31	336	0.18%	0.087%
168	11.939	11.920	11.955	VV	29	432	0.23%	0.112%
169	11.968	11.955	11.977	VV	31	310	0.17%	0.080%
170	11.996	11.977	12.013	VV	41	582	0.31%	0.150%
171	12.050	12.013	12.063	VV	32	746	0.40%	0.193%
172	12.083	12.063	12.110	VV	46	834	0.45%	0.216%
173	12.119	12.110	12.146	VV	33	537	0.29%	0.139%
174	12.174	12.146	12.191	VV	38	702	0.38%	0.182%
175	12.205	12.191	12.217	VV	34	373	0.20%	0.097%
176	12.228	12.217	12.235	VV	26	229	0.12%	0.059%
177	12.247	12.235	12.256	VV	30	335	0.18%	0.087%
178	12.271	12.256	12.299	VV	32	660	0.35%	0.171%
179	12.341	12.299	12.353	VV	45	954	0.51%	0.247%
180	12.362	12.353	12.387	VV	37	574	0.31%	0.148%
181	12.399	12.387	12.415	VV	28	355	0.19%	0.092%
182	12.461	12.415	12.470	VV	40	809	0.43%	0.209%
183	12.478	12.470	12.486	VV	39	277	0.15%	0.072%
184	12.498	12.486	12.517	VV	44	592	0.32%	0.153%
185	12.562	12.517	12.579	VV	52	1082	0.58%	0.280%
186	12.597	12.579	12.606	PV	41	371	0.20%	0.096%
187	12.614	12.606	12.633	VV	21	226	0.12%	0.059%
188	12.673	12.633	12.686	VV	35	768	0.41%	0.199%
189	12.705	12.686	12.718	VV	45	668	0.36%	0.173%
190	12.781	12.718	12.795	VV	59	2184	1.17%	0.565%
191	12.803	12.795	12.853	VV	46	1189	0.64%	0.307%
192	12.874	12.853	12.888	VV	42	747	0.40%	0.193%
193	12.902	12.888	12.920	VV	45	710	0.38%	0.184%
194	12.928	12.920	12.944	VV	39	477	0.26%	0.123%

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195	12.969	12.944	12.984	VV	40	725	0.39%	0.188%
196	13.015	12.984	13.023	VV	56	1002	0.54%	0.259%
197	13.048	13.023	13.071	VV	72	1633	0.87%	0.422%
198	13.079	13.071	13.088	VV	58	512	0.27%	0.132%
199	13.096	13.088	13.109	VV	59	617	0.33%	0.160%
200	13.123	13.109	13.140	VV	55	967	0.52%	0.250%
201	13.191	13.140	13.288	VV	131	7162	3.84%	1.853%
202	13.296	13.288	13.312	VV	32	385	0.21%	0.100%
203	13.325	13.312	13.332	VV	41	368	0.20%	0.095%
204	13.340	13.332	13.374	VV	38	726	0.39%	0.188%
205	13.429	13.374	13.443	VV	40	1212	0.65%	0.314%
206	13.454	13.443	13.477	VV	44	628	0.34%	0.162%
207	13.483	13.477	13.547	VV	46	1228	0.66%	0.318%
208	13.553	13.547	13.576	VV	21	314	0.17%	0.081%
209	13.585	13.576	13.595	VV	32	211	0.11%	0.055%
210	13.636	13.595	13.647	VV	38	762	0.41%	0.197%
211	13.652	13.647	13.681	VV	36	445	0.24%	0.115%
212	13.689	13.681	13.696	VV	17	114	0.06%	0.030%
213	13.728	13.696	13.742	VV	42	621	0.33%	0.161%
214	13.748	13.742	13.761	VV	30	274	0.15%	0.071%
215	13.770	13.761	13.781	VV	36	358	0.19%	0.093%
216	13.795	13.781	13.829	VV	49	848	0.45%	0.219%
217	13.857	13.829	13.863	VV	47	640	0.34%	0.165%
218	13.874	13.863	13.883	VV	60	643	0.34%	0.166%
219	13.924	13.883	13.954	VV	86	2961	1.59%	0.766%
220	13.963	13.954	13.981	VV	75	928	0.50%	0.240%
221	13.997	13.981	14.012	VV	51	785	0.42%	0.203%
222	14.060	14.012	14.070	VV	87	2289	1.23%	0.592%
223	14.109	14.070	14.137	VV	112	3768	2.02%	0.975%
224	14.144	14.137	14.157	VV	103	1183	0.63%	0.306%
225	14.164	14.157	14.188	VV	85	1364	0.73%	0.353%
226	14.197	14.188	14.241	VV	64	1453	0.78%	0.376%
227	14.279	14.241	14.333	VV	37	1492	0.80%	0.386%
228	14.343	14.333	14.359	VV	30	363	0.19%	0.094%
229	14.390	14.359	14.412	VV	40	904	0.48%	0.234%
230	14.417	14.412	14.426	VV	46	253	0.14%	0.065%
231	14.439	14.426	14.451	VV	37	405	0.22%	0.105%
232	14.458	14.451	14.466	VV	28	203	0.11%	0.053%
233	14.477	14.466	14.485	VV	24	235	0.13%	0.061%
234	14.495	14.485	14.507	VV	36	354	0.19%	0.091%
235	14.526	14.507	14.573	VV	39	1090	0.58%	0.282%
236	14.590	14.573	14.605	VV	49	433	0.23%	0.112%
237	14.621	14.605	14.631	PV	28	301	0.16%	0.078%
238	14.641	14.631	14.655	VV	20	232	0.12%	0.060%
239	14.691	14.655	14.711	VV	27	667	0.36%	0.173%
240	14.723	14.711	14.733	VV	22	230	0.12%	0.060%
241	14.772	14.733	14.790	VV	24	608	0.33%	0.157%
242	14.828	14.790	14.835	VV	29	548	0.29%	0.142%
243	14.846	14.835	14.858	VV	38	336	0.18%	0.087%
244	14.868	14.858	14.877	VV	39	259	0.14%	0.067%
245	14.891	14.877	14.906	VV	37	391	0.21%	0.101%
246	14.914	14.906	14.929	VV	22	190	0.10%	0.049%

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247	14.952	14.929	14.964	VV	33	337	0.18%	0.087%
248	14.975	14.964	14.988	VV	23	226	0.12%	0.058%
249	15.057	14.988	15.093	VV	61	2505	1.34%	0.648%
250	15.104	15.093	15.147	VV	44	916	0.49%	0.237%
251	15.215	15.147	15.237	VV	33	1154	0.62%	0.299%
252	15.244	15.237	15.275	VV	29	546	0.29%	0.141%
253	15.284	15.275	15.298	VV	22	251	0.13%	0.065%
254	15.315	15.298	15.325	VV	31	385	0.21%	0.100%
255	15.386	15.325	15.451	VV	99	4641	2.49%	1.200%
256	15.481	15.451	15.496	VV	60	1300	0.70%	0.336%
257	15.514	15.496	15.525	VV	63	747	0.40%	0.193%
258	15.534	15.525	15.576	VV	46	832	0.45%	0.215%
259	15.606	15.576	15.624	VV	28	461	0.25%	0.119%
260	15.636	15.624	15.672	VV	30	381	0.20%	0.099%
261	15.693	15.672	15.705	VV	28	348	0.19%	0.090%
262	15.728	15.705	15.753	VV	29	430	0.23%	0.111%
263	15.766	15.753	15.775	VV	19	160	0.09%	0.041%
264	15.795	15.775	15.807	VV	26	328	0.18%	0.085%
265	15.823	15.807	15.853	VV	41	640	0.34%	0.166%
266	15.868	15.853	15.880	VV	31	332	0.18%	0.086%
267	15.892	15.880	15.902	VV	30	269	0.14%	0.070%
268	15.916	15.902	15.932	VV	55	709	0.38%	0.183%
269	15.947	15.932	15.960	VV	59	740	0.40%	0.191%
270	15.968	15.960	15.979	VV	54	429	0.23%	0.111%
271	15.987	15.979	16.021	VV	37	574	0.31%	0.149%
272	16.030	16.021	16.050	PV	10	86	0.05%	0.022%
273	16.057	16.050	16.072	VV	10	71	0.04%	0.018%
274	16.086	16.072	16.104	VV	21	185	0.10%	0.048%
275	16.114	16.104	16.122	VV	18	127	0.07%	0.033%
276	16.202	16.122	16.269	VV	113	5466	2.93%	1.414%
277	16.276	16.269	16.327	VV	24	509	0.27%	0.132%
278	16.335	16.327	16.355	VV	20	247	0.13%	0.064%
279	16.369	16.355	16.380	VV	18	216	0.12%	0.056%
280	16.393	16.380	16.406	VV	26	308	0.16%	0.080%
281	16.418	16.406	16.463	VV	23	511	0.27%	0.132%
282	16.473	16.463	16.533	VV	18	458	0.25%	0.119%
283	16.540	16.533	16.555	VV	20	158	0.08%	0.041%
284	16.580	16.555	16.594	VV	16	268	0.14%	0.069%
285	16.627	16.594	16.642	VV	18	401	0.21%	0.104%
286	16.658	16.642	16.672	VV	12	143	0.08%	0.037%
287	16.685	16.672	16.708	VV	12	145	0.08%	0.037%
288	16.723	16.708	16.747	VV	15	217	0.12%	0.056%
289	16.757	16.747	16.770	VV	17	126	0.07%	0.033%
290	16.786	16.770	16.801	PBA	15	170	0.09%	0.044%

Sum of corrected areas: 386604

FB042325.M Wed May 14 09:09:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031722.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:40
Operator : YP/AJ
Sample : Q1982-02
Misc : 4.77G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Integration File: Calibration.e
Quant Time: May 14 07:22:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.794	143776	6.269 ng/mlm
	Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031722.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:40
Operator : YP/AJ
Sample : Q1982-02
Misc : 4.77G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

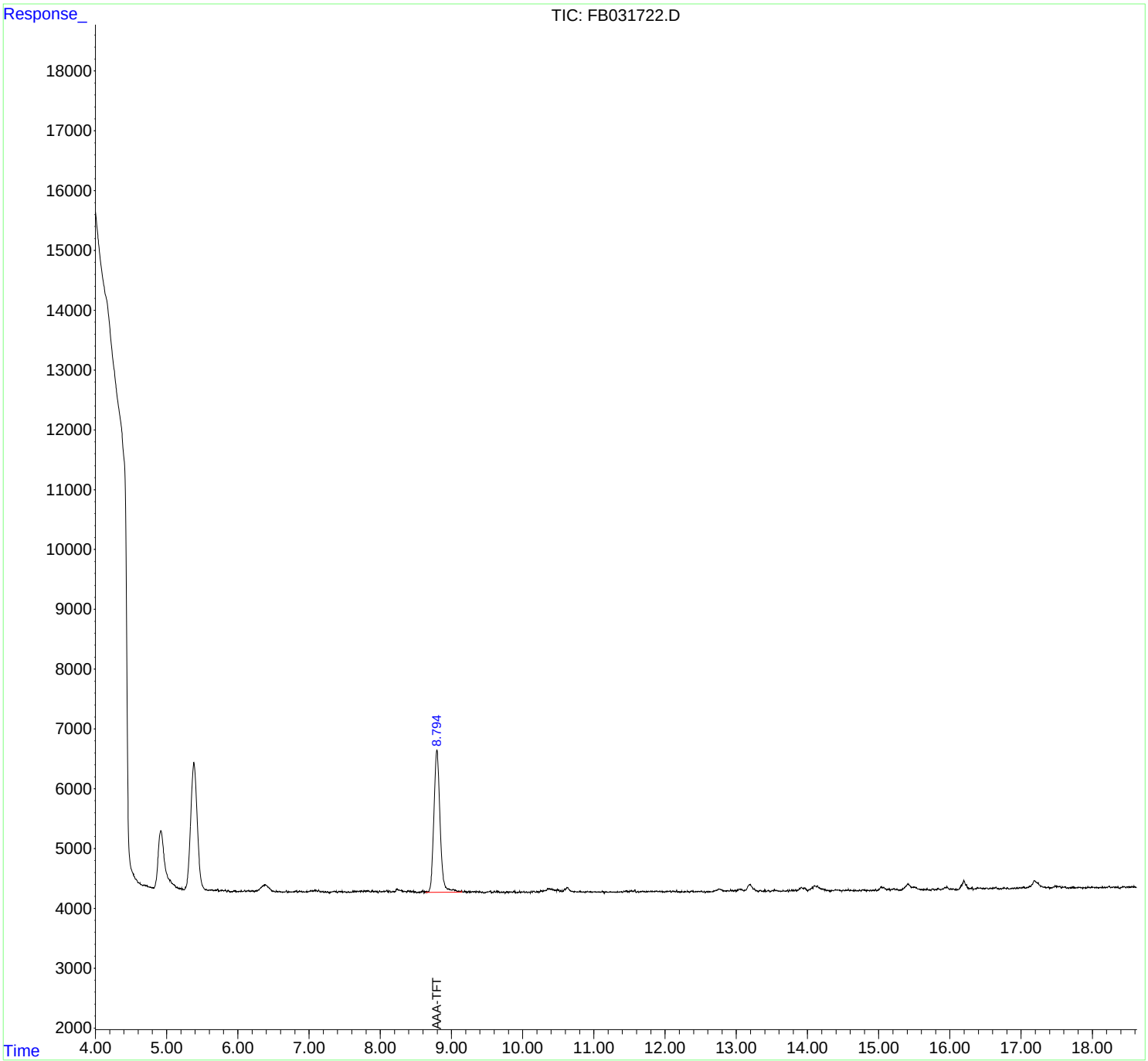
Integration File: Calibration.e
Quant Time: May 14 07:22:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

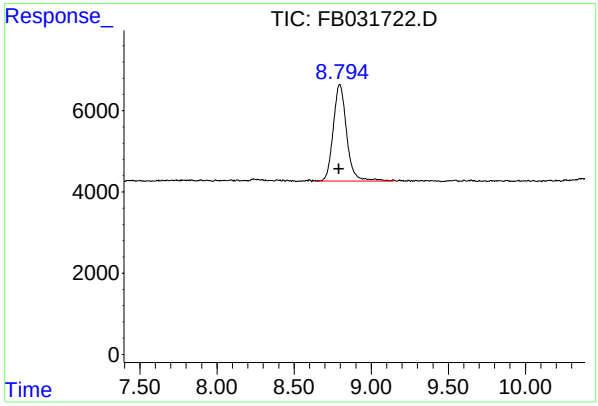
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025





#5 AAA-TFT

R.T.:	8.794 min
Delta R.T.:	0.002 mir
Response:	143776
Conc:	6.27 ng/m

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

A B C D E F G H I

Instrument :
FID_B
ClientSampleId :
TP-2B

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB05132
Data File : FB031722.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 18:40
Sample : Q1982-02
Misc : 4.77G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.144	5.136	5.151	VV	37	275	0.19%	0.087%
2	5.155	5.151	5.219	VV	38	773	0.54%	0.244%
3	5.228	5.219	5.246	VV	18	97	0.07%	0.031%
4	5.638	5.598	5.673	VV	28	884	0.62%	0.279%
5	5.720	5.673	5.740	VV	40	958	0.67%	0.303%
6	5.783	5.740	5.803	VV	32	839	0.59%	0.265%
7	5.824	5.803	5.846	VV	38	610	0.43%	0.193%
8	5.869	5.846	5.896	PV	33	509	0.36%	0.161%
9	5.949	5.896	5.992	PV	31	870	0.61%	0.275%
10	6.001	5.992	6.021	VV	16	232	0.16%	0.073%
11	6.027	6.021	6.038	VV	20	171	0.12%	0.054%
12	6.049	6.038	6.070	VV	37	399	0.28%	0.126%
13	6.096	6.070	6.109	VV	36	497	0.35%	0.157%
14	6.118	6.109	6.125	VV	24	181	0.13%	0.057%
15	6.148	6.125	6.168	VV	33	632	0.44%	0.200%
16	6.175	6.168	6.185	VV	28	214	0.15%	0.068%
17	6.211	6.185	6.224	VV	31	556	0.39%	0.176%
18	6.375	6.224	6.481	VV	134	10971	7.73%	3.468%
19	6.488	6.481	6.529	VV	29	594	0.42%	0.188%
20	6.539	6.529	6.569	VV	29	403	0.28%	0.127%
21	6.584	6.569	6.597	VV	23	264	0.19%	0.084%
22	6.604	6.597	6.627	VV	16	179	0.13%	0.056%
23	6.637	6.627	6.665	VV	13	204	0.14%	0.064%
24	6.683	6.665	6.706	VV	36	397	0.28%	0.125%
25	6.714	6.706	6.720	PV	16	75	0.05%	0.024%
26	6.727	6.720	6.787	VV	15	501	0.35%	0.158%
27	6.812	6.787	6.820	VV	30	404	0.28%	0.128%
28	6.827	6.820	6.845	VV	33	271	0.19%	0.086%
29	6.866	6.845	6.886	VV	33	509	0.36%	0.161%
30	6.896	6.886	6.911	VV	26	266	0.19%	0.084%
31	6.920	6.911	6.929	VV	22	165	0.12%	0.052%
32	6.967	6.929	6.978	VV	21	417	0.29%	0.132%
33	7.029	6.978	7.064	VV	37	1353	0.95%	0.428%
34	7.089	7.064	7.117	VV	47	1154	0.81%	0.365%
35	7.138	7.117	7.159	VV	41	720	0.51%	0.228%
36	7.169	7.159	7.179	VV	31	243	0.17%	0.077%

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

					rteres			
37	7.195	7.179	7.216	VV	26	364	0.26%	0.115%
38	7.229	7.216	7.243	VV	24	240	0	
39	7.260	7.243	7.286	VV	25	327	0	
40	7.308	7.286	7.315	PV	18	203	0	
41	7.328	7.315	7.345	VV	22	323	0	
42	7.354	7.345	7.400	VV	28	663	0	
43	7.421	7.400	7.443	VV	28	463	0.33%	0.146%
44	7.449	7.443	7.489	VV	29	501	0.35%	0.158%
45	7.504	7.489	7.536	VV	21	395	0.28%	0.125%
46	7.557	7.536	7.573	VV	19	293	0.21%	0.093%
47	7.612	7.573	7.634	VV	32	565	0.40%	0.179%
48	7.644	7.634	7.654	VV	35	293	0.21%	0.092%
49	7.677	7.654	7.693	VV	34	589	0.41%	0.186%
50	7.707	7.693	7.722	VV	33	453	0.32%	0.143%
51	7.741	7.722	7.753	VV	37	519	0.37%	0.164%
52	7.772	7.753	7.830	VV	37	1319	0.93%	0.417%
53	7.838	7.830	7.866	VV	43	592	0.42%	0.187%
54	7.897	7.866	7.920	VV	42	813	0.57%	0.257%
55	7.934	7.920	7.973	VV	36	690	0.49%	0.218%
56	7.993	7.973	8.016	VV	37	578	0.41%	0.183%
57	8.025	8.016	8.034	VV	28	253	0.18%	0.080%
58	8.047	8.034	8.063	VV	31	425	0.30%	0.134%
59	8.094	8.063	8.118	VV	46	910	0.64%	0.288%
60	8.131	8.118	8.163	VV	38	666	0.47%	0.210%
61	8.237	8.163	8.285	VV	66	2840	2.00%	0.898%
62	8.295	8.285	8.328	VV	53	874	0.62%	0.276%
63	8.357	8.328	8.369	VV	30	626	0.44%	0.198%
64	8.389	8.369	8.399	VV	42	549	0.39%	0.173%
65	8.408	8.399	8.419	VV	37	338	0.24%	0.107%
66	8.430	8.419	8.445	VV	39	391	0.28%	0.124%
67	8.456	8.445	8.468	VV	37	344	0.24%	0.109%
68	8.475	8.468	8.483	VV	29	171	0.12%	0.054%
69	8.492	8.483	8.514	VV	28	280	0.20%	0.089%
70	8.525	8.514	8.551	PV	16	238	0.17%	0.075%
71	8.559	8.551	8.567	VV	20	143	0.10%	0.045%
72	8.583	8.567	8.590	VV	33	329	0.23%	0.104%
73	8.598	8.590	8.616	VV	46	435	0.31%	0.137%
74	8.623	8.616	8.666	PV	30	589	0.41%	0.186%
75	8.796	8.666	8.944	VV	2393	141973	100.00%	44.880%
76	8.952	8.944	8.979	VV	71	1374	0.97%	0.434%
77	8.986	8.979	9.004	VV	62	824	0.58%	0.260%
78	9.024	9.004	9.046	VV	65	1320	0.93%	0.417%
79	9.059	9.046	9.086	VV	50	1002	0.71%	0.317%
80	9.107	9.086	9.127	VV	37	654	0.46%	0.207%
81	9.144	9.127	9.164	VV	40	615	0.43%	0.194%
82	9.186	9.164	9.194	VV	39	394	0.28%	0.125%
83	9.200	9.194	9.214	VV	29	242	0.17%	0.076%
84	9.245	9.214	9.256	VV	29	452	0.32%	0.143%
85	9.296	9.256	9.306	VV	29	572	0.40%	0.181%
86	9.330	9.306	9.342	VV	27	417	0.29%	0.132%
87	9.351	9.342	9.358	VV	28	185	0.13%	0.058%
88	9.366	9.358	9.380	VV	25	259	0.18%	0.082%
89	9.398	9.380	9.427	VV	28	485	0.34%	0.153%

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

rteres

90	9.438	9.427	9.453	VV	22	158	0.11%	0.050%
91	9.549	9.453	9.560	PV	39	1025		
92	9.602	9.560	9.621	VV	36	596		
93	9.650	9.621	9.660	VV	38	561		
94	9.668	9.660	9.691	VV	29	262		
95	9.701	9.691	9.725	VV	21	236		
96	9.734	9.725	9.764	VV	19	254	0.18%	0.080%
97	9.775	9.764	9.789	VV	27	249	0.18%	0.079%
98	9.818	9.789	9.856	VV	22	640	0.45%	0.202%
99	9.883	9.856	9.901	VV	29	465	0.33%	0.147%
100	9.906	9.901	9.926	VV	14	120	0.08%	0.038%
101	9.935	9.926	9.939	VV	11	66	0.05%	0.021%
102	9.958	9.939	10.005	VV	32	589	0.42%	0.186%
103	10.019	10.005	10.033	VV	31	276	0.19%	0.087%
104	10.051	10.033	10.067	VV	25	301	0.21%	0.095%
105	10.088	10.067	10.107	VV	17	243	0.17%	0.077%
106	10.117	10.107	10.134	VV	29	258	0.18%	0.082%
107	10.164	10.134	10.179	VV	31	611	0.43%	0.193%
108	10.199	10.179	10.231	VV	30	538	0.38%	0.170%
109	10.260	10.231	10.281	VV	41	802	0.56%	0.253%
110	10.311	10.281	10.321	VV	43	843	0.59%	0.267%
111	10.329	10.321	10.336	VV	48	389	0.27%	0.123%
112	10.372	10.336	10.380	VV	77	1731	1.22%	0.547%
113	10.386	10.380	10.395	VV	71	562	0.40%	0.178%
114	10.414	10.395	10.427	VV	73	1126	0.79%	0.356%
115	10.432	10.427	10.461	VV	57	976	0.69%	0.308%
116	10.493	10.461	10.524	VV	57	1679	1.18%	0.531%
117	10.539	10.524	10.552	VV	43	513	0.36%	0.162%
118	10.564	10.552	10.574	VV	36	372	0.26%	0.118%
119	10.592	10.574	10.600	VV	73	861	0.61%	0.272%
120	10.632	10.600	10.716	VV	93	3632	2.56%	1.148%
121	10.741	10.716	10.764	VV	27	591	0.42%	0.187%
122	10.769	10.764	10.784	VV	21	204	0.14%	0.064%
123	10.800	10.784	10.811	VV	35	348	0.25%	0.110%
124	10.819	10.811	10.837	VV	24	264	0.19%	0.083%
125	10.852	10.837	10.875	VV	18	326	0.23%	0.103%
126	10.891	10.875	10.901	VV	21	243	0.17%	0.077%
127	10.913	10.901	10.971	VV	27	773	0.54%	0.244%
128	11.009	10.971	11.039	VV	20	634	0.45%	0.200%
129	11.047	11.039	11.068	VV	20	292	0.21%	0.092%
130	11.074	11.068	11.100	VV	17	283	0.20%	0.089%
131	11.117	11.100	11.125	VV	31	291	0.21%	0.092%
132	11.133	11.125	11.148	VV	26	176	0.12%	0.056%
133	11.180	11.148	11.202	PV	20	404	0.28%	0.128%
134	11.227	11.202	11.237	VV	19	302	0.21%	0.096%
135	11.242	11.237	11.256	VV	20	171	0.12%	0.054%
136	11.282	11.256	11.294	VV	15	291	0.21%	0.092%
137	11.331	11.294	11.339	VV	23	330	0.23%	0.104%
138	11.386	11.339	11.410	VV	21	631	0.44%	0.199%
139	11.424	11.410	11.437	VV	31	364	0.26%	0.115%
140	11.451	11.437	11.506	VV	36	1068	0.75%	0.338%
141	11.527	11.506	11.537	VV	45	584	0.41%	0.185%

Instrument :
FID_B
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TP-2B

Manual IntegrationsAPPROVED

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					rteres			
142	11.545	11.537	11.564	VV	33	435	0.31%	0.138%
143	11.577	11.564	11.599	VV	48	556		
144	11.619	11.599	11.635	VV	28	329		
145	11.652	11.635	11.665	VV	23	322		
146	11.684	11.665	11.693	VV	32	398		
147	11.701	11.693	11.735	VV	27	446		
148	11.769	11.735	11.786	VV	28	604	0.43%	0.191%
149	11.799	11.786	11.830	VV	28	601	0.42%	0.190%
150	11.872	11.830	11.880	VV	32	682	0.48%	0.216%
151	11.886	11.880	11.902	VV	30	284	0.20%	0.090%
152	11.926	11.902	11.936	VV	29	423	0.30%	0.134%
153	11.958	11.936	11.966	VV	28	313	0.22%	0.099%
154	12.014	11.966	12.022	VV	23	491	0.35%	0.155%
155	12.034	12.022	12.048	VV	27	325	0.23%	0.103%
156	12.072	12.048	12.093	VV	29	537	0.38%	0.170%
157	12.107	12.093	12.149	VV	30	699	0.49%	0.221%
158	12.164	12.149	12.175	VV	37	304	0.21%	0.096%
159	12.190	12.175	12.211	VV	21	276	0.19%	0.087%
160	12.231	12.211	12.236	VV	17	182	0.13%	0.058%
161	12.245	12.236	12.264	VV	18	202	0.14%	0.064%
162	12.270	12.264	12.275	VV	19	90	0.06%	0.029%
163	12.287	12.275	12.302	VV	21	256	0.18%	0.081%
164	12.315	12.302	12.349	VV	27	419	0.30%	0.133%
165	12.376	12.349	12.389	VV	28	487	0.34%	0.154%
166	12.397	12.389	12.407	VV	27	171	0.12%	0.054%
167	12.439	12.407	12.460	VV	21	465	0.33%	0.147%
168	12.468	12.460	12.488	VV	24	311	0.22%	0.098%
169	12.514	12.488	12.535	VV	27	503	0.35%	0.159%
170	12.549	12.535	12.563	VV	23	201	0.14%	0.064%
171	12.590	12.563	12.606	PV	16	260	0.18%	0.082%
172	12.612	12.606	12.630	VV	22	183	0.13%	0.058%
173	12.646	12.630	12.657	VV	14	208	0.15%	0.066%
174	12.691	12.657	12.697	VV	29	421	0.30%	0.133%
175	12.761	12.697	12.771	VV	55	1758	1.24%	0.556%
176	12.776	12.771	12.814	VV	52	1037	0.73%	0.328%
177	12.824	12.814	12.847	VV	30	485	0.34%	0.153%
178	12.866	12.847	12.900	VV	27	694	0.49%	0.219%
179	12.922	12.900	12.932	VV	42	492	0.35%	0.156%
180	12.950	12.932	12.964	VV	33	457	0.32%	0.145%
181	12.986	12.964	13.006	VV	35	550	0.39%	0.174%
182	13.040	13.006	13.055	VV	48	1063	0.75%	0.336%
183	13.067	13.055	13.108	VV	48	1151	0.81%	0.364%
184	13.199	13.108	13.307	VV	126	6768	4.77%	2.140%
185	13.338	13.307	13.402	VB	25	585	0.41%	0.185%
186	13.448	13.405	13.475	BV	23	433	0.30%	0.137%
187	13.504	13.475	13.525	PV	27	529	0.37%	0.167%
188	13.534	13.525	13.558	VV	45	599	0.42%	0.189%
189	13.567	13.558	13.611	VV	31	615	0.43%	0.195%
190	13.617	13.611	13.625	VV	17	120	0.08%	0.038%
191	13.658	13.625	13.693	VV	25	603	0.42%	0.191%
192	13.721	13.693	13.736	VV	34	404	0.28%	0.128%
193	13.756	13.736	13.768	VV	25	343	0.24%	0.108%
194	13.782	13.768	13.800	VV	41	474	0.33%	0.150%

Instrument :
FID_B
ClientSampleId :
TP-2B

Manual IntegrationsAPPROVED

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					rteres			
195	13.808	13.800	13.817	VV	29	202	0.14%	0.064%
196	13.836	13.817	13.848	VV	44	458		
197	13.914	13.848	13.948	VV	78	2929		
198	13.963	13.948	14.005	VV	64	1463		
199	14.067	14.005	14.078	VV	84	2076		
200	14.100	14.078	14.126	VV	103	2523		
201	14.140	14.126	14.304	VV	98	4809	3.39%	1.520%
202	14.315	14.304	14.333	VV	15	165	0.12%	0.052%
203	14.351	14.333	14.367	VV	21	326	0.23%	0.103%
204	14.390	14.367	14.410	VV	35	620	0.44%	0.196%
205	14.429	14.410	14.439	VV	28	431	0.30%	0.136%
206	14.448	14.439	14.474	VV	24	379	0.27%	0.120%
207	14.479	14.474	14.486	VV	16	94	0.07%	0.030%
208	14.506	14.486	14.518	VV	27	353	0.25%	0.112%
209	14.578	14.518	14.593	VV	33	844	0.59%	0.267%
210	14.603	14.593	14.639	VV	19	411	0.29%	0.130%
211	14.648	14.639	14.656	VV	22	125	0.09%	0.039%
212	14.678	14.656	14.702	VV	26	407	0.29%	0.129%
213	14.706	14.702	14.720	VV	15	118	0.08%	0.037%
214	14.730	14.720	14.739	VV	29	211	0.15%	0.067%
215	14.743	14.739	14.755	VV	18	117	0.08%	0.037%
216	14.779	14.755	14.817	PV	28	705	0.50%	0.223%
217	14.826	14.817	14.834	VV	24	126	0.09%	0.040%
218	14.845	14.834	14.872	VV	19	271	0.19%	0.086%
219	14.886	14.872	14.897	VV	17	178	0.13%	0.056%
220	14.922	14.897	14.931	VV	22	287	0.20%	0.091%
221	14.957	14.931	14.970	VV	34	388	0.27%	0.123%
222	15.041	14.970	15.050	VV	74	1787	1.26%	0.565%
223	15.069	15.050	15.111	VV	63	1738	1.22%	0.549%
224	15.132	15.111	15.141	VV	35	522	0.37%	0.165%
225	15.149	15.141	15.166	VV	40	406	0.29%	0.128%
226	15.182	15.166	15.191	VV	29	355	0.25%	0.112%
227	15.218	15.191	15.251	VV	40	1033	0.73%	0.327%
228	15.258	15.251	15.286	VV	30	396	0.28%	0.125%
229	15.343	15.286	15.350	VV	37	726	0.51%	0.230%
230	15.407	15.350	15.462	VV	113	5424	3.82%	1.715%
231	15.471	15.462	15.479	VV	63	595	0.42%	0.188%
232	15.487	15.479	15.493	VV	63	502	0.35%	0.159%
233	15.506	15.493	15.557	VV	66	1809	1.27%	0.572%
234	15.569	15.557	15.597	VV	31	575	0.40%	0.182%
235	15.606	15.597	15.650	VV	24	524	0.37%	0.166%
236	15.682	15.650	15.739	VV	35	810	0.57%	0.256%
237	15.757	15.739	15.782	VV	29	506	0.36%	0.160%
238	15.839	15.782	15.854	VV	31	852	0.60%	0.269%
239	15.861	15.854	15.871	VV	19	162	0.11%	0.051%
240	15.938	15.871	15.946	VV	53	1335	0.94%	0.422%
241	15.959	15.946	16.005	VV	66	1289	0.91%	0.408%
242	16.016	16.005	16.038	VV	30	409	0.29%	0.129%
243	16.052	16.038	16.078	VV	24	398	0.28%	0.126%
244	16.087	16.078	16.097	VV	25	133	0.09%	0.042%
245	16.107	16.097	16.116	PV	14	112	0.08%	0.035%
246	16.161	16.116	16.168	VV	88	1330	0.94%	0.420%

Instrument :
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TP-2B

Manual IntegrationsAPPROVED

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					rteres			
247	16.196	16.168	16.223	VV	157	3841	2.71%	1.214%
248	16.232	16.223	16.269	VV	92	1517	1	
249	16.285	16.269	16.296	VV	30	410	0	
250	16.314	16.296	16.329	VV	48	532	0	
251	16.384	16.329	16.422	VV	36	1234	0	
252	16.431	16.422	16.457	VV	33	514	0	
253	16.473	16.457	16.489	VV	29	384	0.27%	0.121%
254	16.522	16.489	16.546	VV	29	681	0.48%	0.215%
255	16.568	16.546	16.595	VV	27	569	0.40%	0.180%
256	16.625	16.595	16.634	VV	29	539	0.38%	0.170%
257	16.648	16.634	16.702	VV	37	771	0.54%	0.244%
258	16.712	16.702	16.726	VV	15	144	0.10%	0.045%
259	16.737	16.726	16.746	PV	19	138	0.10%	0.044%
260	16.751	16.746	16.756	VV	11	53	0.04%	0.017%
261	16.765	16.756	16.801	VBA	20	88	0.06%	0.028%
			Sum of corrected areas:				316340	

FB042325.M Wed May 14 09:11:19 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031723.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:07
Operator : YP/AJ
Sample : Q1982-03
Misc : 4.35G/5.00 ML DI WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-3

Integration File: Calibration.e
Quant Time: May 14 07:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.795	417118	18.189 ng/ml
	Target Compounds			

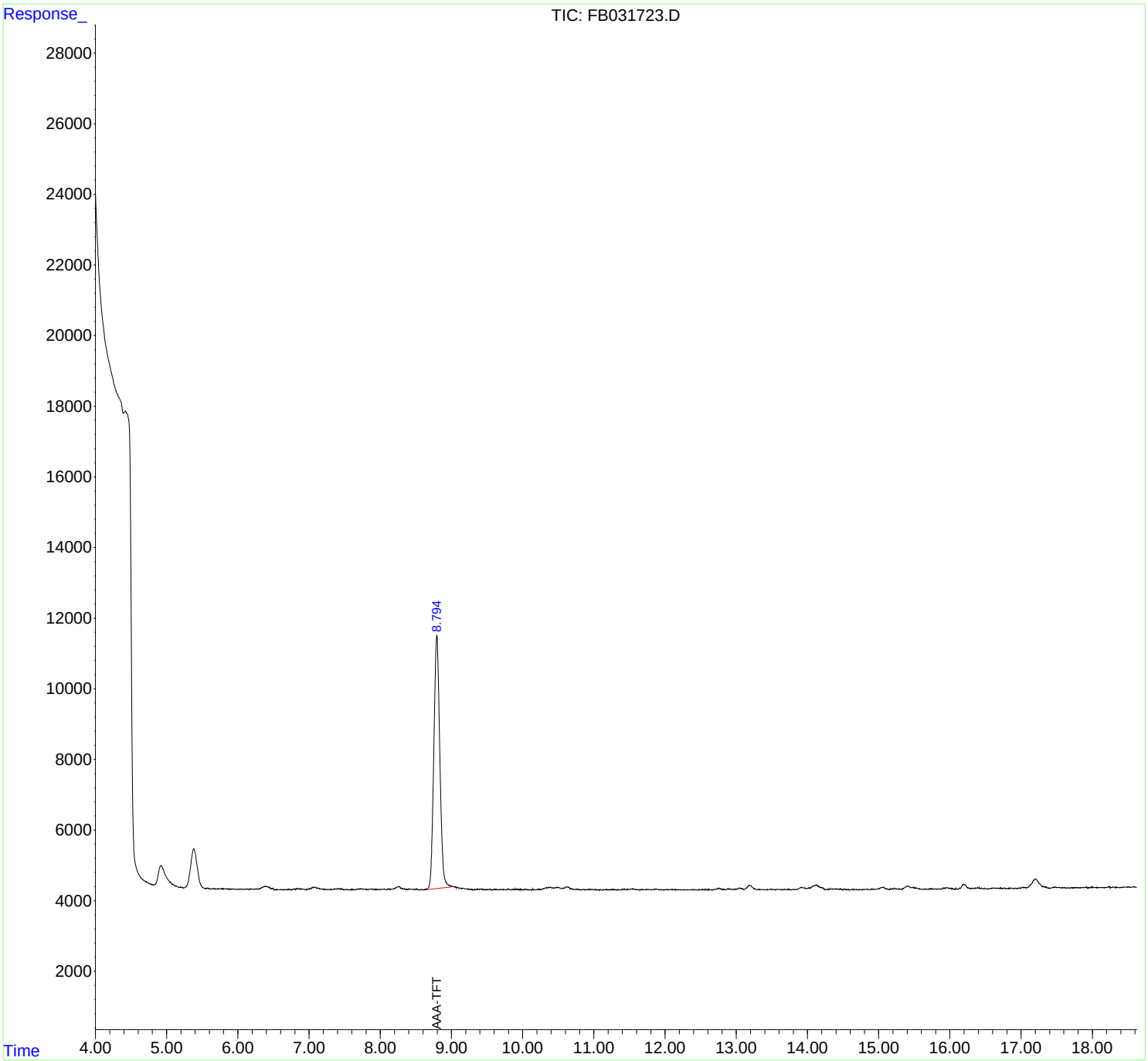
(f)=RT Delta > 1/2 Window (m)=manual int.

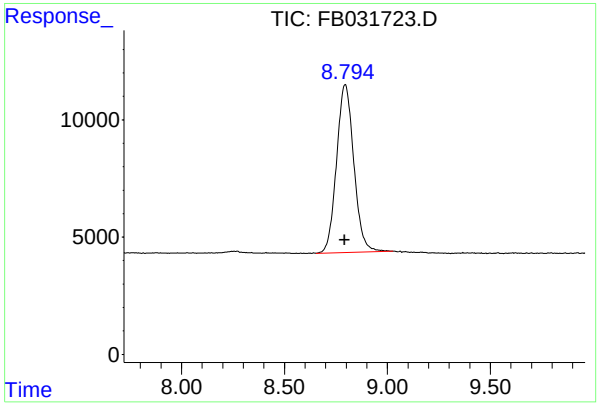
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031723.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:07
Operator : YP/AJ
Sample : Q1982-03
Misc : 4.35G/5.00 ML DI WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-3

Integration File: Calibration.e
Quant Time: May 14 07:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.795 min
Delta R.T.: 0.003 mi
Response: 417118
Conc: 18.19 ng/m

Instrument :
FID_B
ClientSampleId :
TP-3

A B C D E F G H I

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031723.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:07
Sample : Q1982-03
Misc : 4.35G/5.00 ML DI WATER
ALS Vial : 17 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.807	4.771	4.821	BV	12	117	0.03%	0.015%
2	5.134	5.126	5.173	VV	50	874	0.20%	0.114%
3	5.194	5.173	5.212	VV	29	346	0.08%	0.045%
4	5.223	5.212	5.234	VV	29	176	0.04%	0.023%
5	5.578	5.558	5.600	VV	26	439	0.10%	0.057%
6	5.606	5.600	5.625	VV	19	103	0.02%	0.013%
7	5.674	5.625	5.686	PV	18	375	0.09%	0.049%
8	5.697	5.686	5.712	VV	11	110	0.03%	0.014%
9	5.726	5.712	5.747	VV	21	251	0.06%	0.033%
10	5.774	5.747	5.796	VV	25	469	0.11%	0.061%
11	5.803	5.796	5.845	PV	20	404	0.09%	0.053%
12	5.850	5.845	5.869	VV	17	136	0.03%	0.018%
13	5.877	5.869	5.883	VV	8	43	0.01%	0.006%
14	5.904	5.883	5.919	VV	17	192	0.04%	0.025%
15	5.936	5.919	5.988	VV	12	326	0.08%	0.043%
16	6.000	5.988	6.007	VV	12	68	0.02%	0.009%
17	6.013	6.007	6.028	VV	13	104	0.02%	0.014%
18	6.041	6.028	6.066	VV	17	227	0.05%	0.030%
19	6.074	6.066	6.108	VV	14	244	0.06%	0.032%
20	6.122	6.108	6.133	VV	30	247	0.06%	0.032%
21	6.144	6.133	6.161	VV	12	182	0.04%	0.024%
22	6.173	6.161	6.182	VV	21	191	0.04%	0.025%
23	6.192	6.182	6.238	VV	20	489	0.11%	0.064%
24	6.270	6.238	6.281	VV	27	470	0.11%	0.061%
25	6.303	6.281	6.311	VV	36	403	0.09%	0.053%
26	6.394	6.311	6.470	VV	102	6816	1.57%	0.891%
27	6.479	6.470	6.488	VV	40	370	0.09%	0.048%
28	6.495	6.488	6.511	VV	44	369	0.09%	0.048%
29	6.518	6.511	6.536	PV	12	104	0.02%	0.014%
30	6.542	6.536	6.550	VV	11	70	0.02%	0.009%
31	6.560	6.550	6.591	VV	18	196	0.05%	0.026%
32	6.616	6.591	6.642	VV	15	242	0.06%	0.032%
33	6.685	6.642	6.697	VV	15	271	0.06%	0.035%
34	6.709	6.697	6.752	VV	22	403	0.09%	0.053%
35	6.759	6.752	6.767	VV	22	110	0.03%	0.014%
36	6.798	6.767	6.819	VV	35	590	0.14%	0.077%

rteres

37	6.829	6.819	6.835	VV	41	281	0.06%	0.037%
38	6.844	6.835	6.860	VV	45	529	0.12%	0.069%
39	6.870	6.860	6.894	VV	37	596	0.14%	0.078%
40	6.904	6.894	6.941	VV	32	676	0.16%	0.088%
41	6.953	6.941	6.967	VV	18	233	0.05%	0.030%
42	7.003	6.967	7.013	VV	48	701	0.16%	0.092%
43	7.064	7.013	7.109	VV	81	3642	0.84%	0.476%
44	7.121	7.109	7.276	VV	62	2970	0.69%	0.388%
45	7.403	7.276	7.499	VV	39	3401	0.79%	0.445%
46	7.513	7.499	7.574	VV	21	599	0.14%	0.078%
47	7.593	7.574	7.637	VV	38	602	0.14%	0.079%
48	7.718	7.637	7.752	PV	47	1806	0.42%	0.236%
49	7.763	7.752	7.825	VV	37	1112	0.26%	0.145%
50	7.838	7.825	7.850	VV	28	315	0.07%	0.041%
51	7.878	7.850	7.947	VV	38	1422	0.33%	0.186%
52	7.980	7.947	8.009	VV	29	746	0.17%	0.098%
53	8.028	8.009	8.050	VV	31	580	0.13%	0.076%
54	8.056	8.050	8.079	VV	33	404	0.09%	0.053%
55	8.115	8.079	8.156	VV	36	1112	0.26%	0.145%
56	8.269	8.156	8.366	VV	106	6861	1.58%	0.897%
57	8.380	8.366	8.393	VV	25	374	0.09%	0.049%
58	8.413	8.393	8.431	VV	39	607	0.14%	0.079%
59	8.447	8.431	8.465	VV	29	503	0.12%	0.066%
60	8.479	8.465	8.615	VV	25	1525	0.35%	0.199%
61	8.795	8.615	9.075	VV	7213	432985	100.00%	56.598%
62	9.089	9.075	9.150	VV	86	2887	0.67%	0.377%
63	9.166	9.150	9.204	VV	57	1532	0.35%	0.200%
64	9.221	9.204	9.308	VV	42	1505	0.35%	0.197%
65	9.368	9.308	9.511	VV	43	2624	0.61%	0.343%
66	9.537	9.511	9.563	VV	38	648	0.15%	0.085%
67	9.607	9.563	9.664	VV	37	1161	0.27%	0.152%
68	9.700	9.664	9.715	VV	32	616	0.14%	0.081%
69	9.729	9.715	9.769	VV	23	539	0.12%	0.070%
70	9.794	9.769	9.846	VV	40	966	0.22%	0.126%
71	9.864	9.846	9.881	VV	35	395	0.09%	0.052%
72	9.924	9.881	9.956	VV	40	1015	0.23%	0.133%
73	9.966	9.956	10.009	VV	31	643	0.15%	0.084%
74	10.041	10.009	10.093	VV	29	933	0.22%	0.122%
75	10.105	10.093	10.115	VV	12	142	0.03%	0.019%
76	10.143	10.115	10.182	VV	39	715	0.17%	0.093%
77	10.328	10.182	10.346	VV	71	3702	0.85%	0.484%
78	10.385	10.346	10.440	VV	88	4192	0.97%	0.548%
79	10.488	10.440	10.544	VV	86	4414	1.02%	0.577%
80	10.610	10.544	10.736	VV	97	6864	1.59%	0.897%
81	10.767	10.736	10.825	VV	31	1283	0.30%	0.168%
82	10.855	10.825	10.898	VV	27	884	0.20%	0.116%
83	10.925	10.898	10.960	VV	38	787	0.18%	0.103%
84	10.978	10.960	11.014	VV	27	729	0.17%	0.095%
85	11.022	11.014	11.046	VV	27	361	0.08%	0.047%
86	11.064	11.046	11.120	VV	21	610	0.14%	0.080%
87	11.180	11.120	11.198	PV	30	862	0.20%	0.113%
88	11.265	11.198	11.320	VV	28	1496	0.35%	0.196%
89	11.333	11.320	11.365	VV	32	461	0.11%	0.060%

rteres

90	11.431	11.365	11.445	VV	43	1213	0.28%	0.159%
91	11.460	11.445	11.496	VV	39	922	0.21%	0.121%
92	11.552	11.496	11.654	VV	56	3068	0.71%	0.401%
93	11.679	11.654	11.731	VV	33	1240	0.29%	0.162%
94	11.763	11.731	11.813	VV	36	1399	0.32%	0.183%
95	11.870	11.813	11.930	VV	50	2421	0.56%	0.316%
96	11.944	11.930	11.985	VV	32	838	0.19%	0.110%
97	12.024	11.985	12.049	VV	32	1082	0.25%	0.141%
98	12.066	12.049	12.086	VV	38	720	0.17%	0.094%
99	12.096	12.086	12.138	VV	45	1016	0.23%	0.133%
100	12.154	12.138	12.223	VV	31	1414	0.33%	0.185%
101	12.266	12.223	12.282	VV	30	989	0.23%	0.129%
102	12.301	12.282	12.324	VV	32	665	0.15%	0.087%
103	12.343	12.324	12.368	VV	33	765	0.18%	0.100%
104	12.391	12.368	12.411	VV	46	763	0.18%	0.100%
105	12.427	12.411	12.452	VV	36	709	0.16%	0.093%
106	12.532	12.452	12.552	VV	47	1987	0.46%	0.260%
107	12.571	12.552	12.598	VV	52	1019	0.24%	0.133%
108	12.619	12.598	12.634	VV	44	709	0.16%	0.093%
109	12.649	12.634	12.663	VV	35	521	0.12%	0.068%
110	12.757	12.663	12.809	VV	78	4671	1.08%	0.611%
111	12.821	12.809	12.842	VV	54	877	0.20%	0.115%
112	12.883	12.842	12.909	VV	66	2070	0.48%	0.271%
113	12.920	12.909	12.938	VV	61	976	0.23%	0.128%
114	12.951	12.938	12.993	VV	54	1642	0.38%	0.215%
115	13.047	12.993	13.106	VV	94	4596	1.06%	0.601%
116	13.184	13.106	13.285	VV	169	10909	2.52%	1.426%
117	13.307	13.285	13.342	VV	50	1631	0.38%	0.213%
118	13.358	13.342	13.383	VV	49	1119	0.26%	0.146%
119	13.401	13.383	13.429	VV	52	1217	0.28%	0.159%
120	13.488	13.429	13.507	VV	59	2337	0.54%	0.305%
121	13.525	13.507	13.571	VV	54	1886	0.44%	0.246%
122	13.586	13.571	13.660	VV	55	2711	0.63%	0.354%
123	13.678	13.660	13.725	VV	57	1990	0.46%	0.260%
124	13.734	13.725	13.769	VV	62	1313	0.30%	0.172%
125	13.924	13.769	13.990	VV	121	10311	2.38%	1.348%
126	14.024	13.990	14.037	VV	103	2595	0.60%	0.339%
127	14.125	14.037	14.253	VV	192	16626	3.84%	2.173%
128	14.292	14.253	14.303	VV	68	1854	0.43%	0.242%
129	14.346	14.303	14.365	VV	81	2618	0.60%	0.342%
130	14.408	14.365	14.457	VV	85	3914	0.90%	0.512%
131	14.465	14.457	14.501	VV	82	1773	0.41%	0.232%
132	14.516	14.501	14.599	VV	75	3585	0.83%	0.469%
133	14.626	14.599	14.663	VV	69	2280	0.53%	0.298%
134	14.678	14.663	14.716	VV	66	1945	0.45%	0.254%
135	14.729	14.716	14.758	VV	69	1498	0.35%	0.196%
136	14.848	14.758	14.869	VV	81	4423	1.02%	0.578%
137	14.929	14.869	14.946	VV	83	3256	0.75%	0.426%
138	15.061	14.946	15.152	VV	132	11619	2.68%	1.519%
139	15.172	15.152	15.186	VV	88	1666	0.38%	0.218%
140	15.224	15.186	15.240	VV	112	2937	0.68%	0.384%
141	15.252	15.240	15.273	VV	93	1666	0.38%	0.218%

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142	15.288	15.273	15.302	VV	98	1411	0.33%	0.184%
143	15.405	15.302	15.604	VV	171	21167	4.89%	2.767%
144	15.615	15.604	15.633	VV	85	1425	0.33%	0.186%
145	15.654	15.633	15.693	VV	89	2945	0.68%	0.385%
146	15.704	15.693	15.777	VV	96	4472	1.03%	0.585%
147	15.785	15.777	15.819	VV	91	2211	0.51%	0.289%
148	15.960	15.819	16.027	VV	130	13082	3.02%	1.710%
149	16.037	16.027	16.070	VV	104	2493	0.58%	0.326%
150	16.086	16.070	16.115	VV	112	2447	0.57%	0.320%
151	16.193	16.115	16.291	VV	226	16133	3.73%	2.109%
152	16.306	16.291	16.337	VV	117	3122	0.72%	0.408%
153	16.388	16.337	16.476	VV	140	9756	2.25%	1.275%
154	16.491	16.476	16.516	VV	118	2535	0.59%	0.331%
155	16.597	16.516	16.653	VV	128	9395	2.17%	1.228%
156	16.681	16.653	16.748	VV	131	6744	1.56%	0.882%
157	16.765	16.748	16.801	VBA	127	3630	0.84%	0.475%
			Sum of corrected areas:			765018		

FB042325.M Wed May 14 09:11:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031710.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 11:54
Operator : YP/AJ
Sample : Q1982-04
Misc : 6.51G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Integration File: Calibration.e
Quant Time: May 14 07:20:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	380874	16.608	ng/mlm
	Target Compounds				

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031710.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 11:54
Operator : YP/AJ
Sample : Q1982-04
Misc : 6.51G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

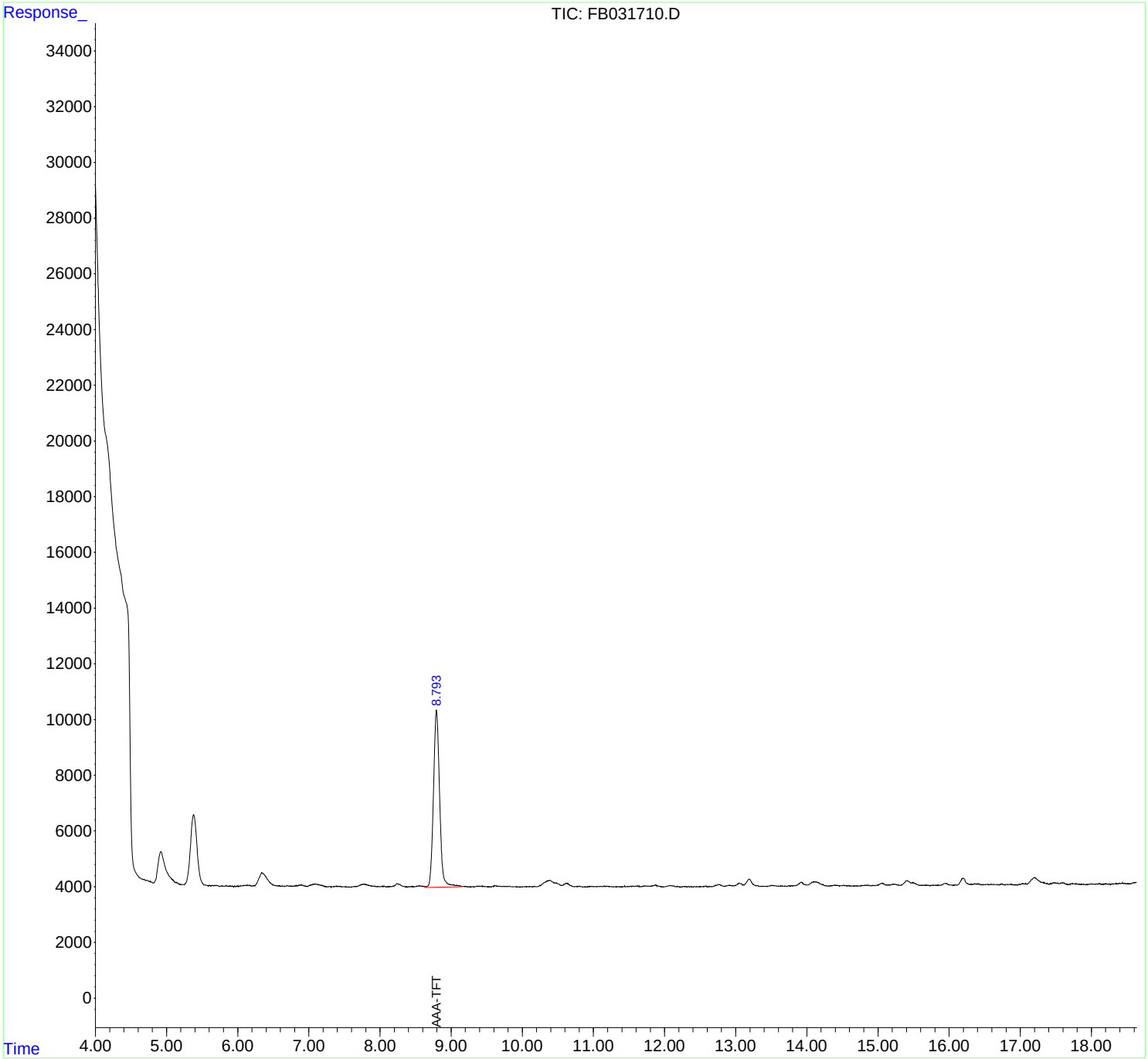
Integration File: Calibration.e
Quant Time: May 14 07:20:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

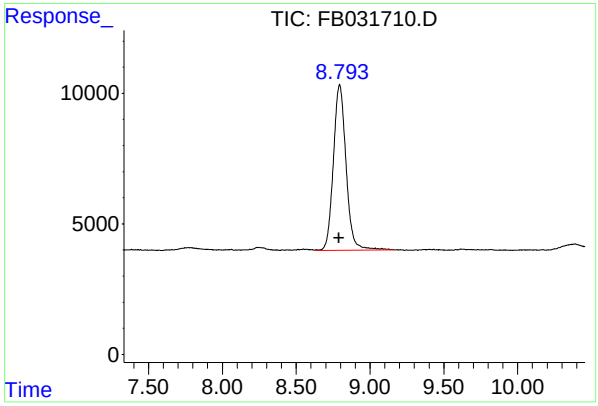
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
TP-4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025





#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.000 mi
Response: 380874
Conc: 16.61 ng/m

Instrument :
FID_B
ClientSampleId :
TP-4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

A B C D E F G H I

Instrument :
FID_B
ClientSampleId :
TP-4

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB05132
Data File : FB031710.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 11:54
Sample : Q1982-04
Misc : 6.51G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.779	4.738	4.813	BV	19	261	0.07%	0.038%
2	5.185	5.177	5.248	PB	17	219	0.06%	0.032%
3	5.601	5.587	5.631	PV	29	479	0.13%	0.069%
4	5.640	5.631	5.660	VV	34	430	0.11%	0.062%
5	5.681	5.660	5.691	VV	39	478	0.13%	0.069%
6	5.701	5.691	5.747	VV	40	742	0.20%	0.107%
7	5.777	5.747	5.795	PV	22	442	0.12%	0.064%
8	5.804	5.795	5.812	VV	20	172	0.05%	0.025%
9	5.820	5.812	5.828	VV	22	155	0.04%	0.022%
10	5.840	5.828	5.875	VV	34	615	0.16%	0.089%
11	5.897	5.875	5.907	VV	31	356	0.09%	0.051%
12	5.926	5.907	5.942	VV	28	286	0.08%	0.041%
13	5.959	5.942	5.976	PV	36	297	0.08%	0.043%
14	5.990	5.976	6.002	VV	25	245	0.07%	0.035%
15	6.015	6.002	6.030	VV	32	321	0.09%	0.046%
16	6.043	6.030	6.059	VV	38	510	0.14%	0.074%
17	6.086	6.059	6.094	VV	55	875	0.23%	0.127%
18	6.115	6.094	6.124	VV	59	927	0.25%	0.134%
19	6.139	6.124	6.158	VV	65	1090	0.29%	0.158%
20	6.171	6.158	6.217	VV	60	1383	0.37%	0.200%
21	6.226	6.217	6.233	VV	44	349	0.09%	0.051%
22	6.339	6.233	6.559	VV	507	44178	11.73%	6.391%
23	6.573	6.559	6.588	VV	45	685	0.18%	0.099%
24	6.592	6.588	6.604	VV	54	320	0.08%	0.046%
25	6.629	6.604	6.660	VV	47	999	0.27%	0.144%
26	6.671	6.660	6.680	VV	35	350	0.09%	0.051%
27	6.698	6.680	6.713	VV	49	773	0.21%	0.112%
28	6.720	6.713	6.747	VV	39	671	0.18%	0.097%
29	6.755	6.747	6.789	VV	38	801	0.21%	0.116%
30	6.840	6.831	6.844	VV	50	340	0.09%	0.049%
31	6.876	6.844	6.889	VV	73	1685	0.45%	0.244%
32	6.898	6.889	6.977	VV	78	2538	0.67%	0.367%
33	7.083	6.977	7.179	VV	114	9626	2.56%	1.393%
34	7.186	7.179	7.213	VV	70	1057	0.28%	0.153%
35	7.221	7.213	7.268	VV	41	700	0.19%	0.101%
36	7.292	7.268	7.320	VV	30	511	0.14%	0.074%

Instrument :
FID_B
ClientSampleId :
TP-4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

					rteres			
37	7.346	7.320	7.354	VV	23	331	0.09%	0.048%
38	7.360	7.354	7.367	VV	23	163		
39	7.384	7.367	7.401	VV	44	587		
40	7.410	7.401	7.421	VV	29	316		
41	7.427	7.421	7.437	VV	32	283		
42	7.445	7.437	7.468	VV	32	350		
43	7.479	7.468	7.488	VV	20	200	0.05%	0.029%
44	7.495	7.488	7.514	VV	18	242	0.06%	0.035%
45	7.524	7.514	7.563	VV	26	323	0.09%	0.047%
46	7.574	7.563	7.596	VV	14	134	0.04%	0.019%
47	7.630	7.596	7.641	PV	25	483	0.13%	0.070%
48	7.766	7.641	7.808	VV	112	7102	1.88%	1.027%
49	7.815	7.808	7.872	VV	93	2660	0.71%	0.385%
50	7.879	7.872	7.889	VV	51	464	0.12%	0.067%
51	7.901	7.889	7.911	VV	47	589	0.16%	0.085%
52	7.916	7.911	7.947	VV	41	686	0.18%	0.099%
53	7.975	7.947	8.011	VV	32	898	0.24%	0.130%
54	8.024	8.011	8.033	VV	30	348	0.09%	0.050%
55	8.062	8.033	8.080	VV	44	809	0.21%	0.117%
56	8.116	8.080	8.129	VV	26	522	0.14%	0.076%
57	8.187	8.129	8.197	VV	53	1193	0.32%	0.173%
58	8.247	8.197	8.353	VV	125	6789	1.80%	0.982%
59	8.375	8.353	8.388	VV	25	335	0.09%	0.049%
60	8.405	8.388	8.419	VV	27	303	0.08%	0.044%
61	8.429	8.419	8.453	VV	24	417	0.11%	0.060%
62	8.459	8.453	8.478	VV	24	248	0.07%	0.036%
63	8.486	8.478	8.500	VV	25	266	0.07%	0.038%
64	8.514	8.500	8.536	VV	43	700	0.19%	0.101%
65	8.549	8.536	8.562	VV	58	677	0.18%	0.098%
66	8.569	8.562	8.589	VV	50	661	0.18%	0.096%
67	8.599	8.589	8.624	VV	40	606	0.16%	0.088%
68	8.634	8.624	8.654	VV	35	431	0.11%	0.062%
69	8.794	8.654	9.000	VV	6358	376749	100.00%	54.505%
70	9.010	9.000	9.027	VV	90	1410	0.37%	0.204%
71	9.036	9.027	9.068	VV	93	1790	0.48%	0.259%
72	9.080	9.068	9.091	VV	80	885	0.24%	0.128%
73	9.102	9.091	9.171	VV	63	2091	0.55%	0.302%
74	9.183	9.171	9.196	VV	30	395	0.10%	0.057%
75	9.205	9.196	9.241	VV	31	541	0.14%	0.078%
76	9.250	9.241	9.294	VV	21	405	0.11%	0.059%
77	9.307	9.294	9.325	VV	29	344	0.09%	0.050%
78	9.371	9.325	9.386	VV	41	990	0.26%	0.143%
79	9.402	9.386	9.421	VV	43	756	0.20%	0.109%
80	9.434	9.421	9.445	VV	48	540	0.14%	0.078%
81	9.453	9.445	9.463	VV	34	275	0.07%	0.040%
82	9.472	9.463	9.514	VV	32	655	0.17%	0.095%
83	9.615	9.514	9.653	VV	55	2309	0.61%	0.334%
84	9.672	9.653	9.714	VV	40	1173	0.31%	0.170%
85	9.733	9.714	9.742	VV	38	451	0.12%	0.065%
86	9.748	9.742	9.777	VV	28	536	0.14%	0.078%
87	9.786	9.777	9.799	VV	29	315	0.08%	0.046%
88	9.822	9.799	9.873	VV	37	1031	0.27%	0.149%
89	9.919	9.873	9.952	VV	19	651	0.17%	0.094%

Instrument :
FID_B
ClientSampleId :
TP-4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

					rteres			
90	9.962	9.952	9.968	VV	16	91	0.02%	0.013%
91	10.093	9.968	10.109	VV	25	1341		
92	10.117	10.109	10.145	VV	23	336		
93	10.174	10.145	10.188	VV	34	554		
94	10.200	10.188	10.209	VV	17	203		
95	10.390	10.209	10.475	VV	249	24253		
96	10.482	10.475	10.558	VV	153	5183	1.38%	0.750%
97	10.621	10.558	10.741	VV	146	8582	2.28%	1.242%
98	10.752	10.741	10.778	VV	25	482	0.13%	0.070%
99	10.802	10.778	10.814	VV	45	610	0.16%	0.088%
100	10.834	10.814	10.849	VV	25	385	0.10%	0.056%
101	10.893	10.849	10.908	VV	15	326	0.09%	0.047%
102	10.957	10.908	11.004	VV	30	1219	0.32%	0.176%
103	11.012	11.004	11.048	VV	22	513	0.14%	0.074%
104	11.062	11.048	11.089	VV	28	496	0.13%	0.072%
105	11.101	11.089	11.111	VV	32	327	0.09%	0.047%
106	11.122	11.111	11.134	VV	25	297	0.08%	0.043%
107	11.148	11.134	11.164	VV	47	553	0.15%	0.080%
108	11.174	11.164	11.286	VV	37	1575	0.42%	0.228%
109	11.306	11.286	11.344	VV	18	467	0.12%	0.068%
110	11.361	11.344	11.372	VV	21	254	0.07%	0.037%
111	11.387	11.372	11.420	VV	24	404	0.11%	0.058%
112	11.440	11.420	11.451	VV	40	381	0.10%	0.055%
113	11.480	11.451	11.491	VV	30	487	0.13%	0.070%
114	11.499	11.491	11.506	VV	27	185	0.05%	0.027%
115	11.525	11.506	11.537	VV	42	549	0.15%	0.079%
116	11.551	11.537	11.578	VV	39	788	0.21%	0.114%
117	11.604	11.578	11.615	VV	45	782	0.21%	0.113%
118	11.625	11.615	11.639	VV	55	514	0.14%	0.074%
119	11.717	11.639	11.728	VV	47	1455	0.39%	0.210%
120	11.756	11.728	11.766	VV	44	877	0.23%	0.127%
121	11.777	11.766	11.816	VV	42	1030	0.27%	0.149%
122	11.824	11.816	11.840	VV	54	672	0.18%	0.097%
123	11.877	11.840	11.935	VV	79	2811	0.75%	0.407%
124	11.944	11.935	11.955	VV	35	300	0.08%	0.043%
125	11.963	11.955	11.971	VV	20	119	0.03%	0.017%
126	11.980	11.971	11.989	VV	16	122	0.03%	0.018%
127	12.077	11.989	12.108	VV	59	2534	0.67%	0.367%
128	12.128	12.108	12.166	VV	48	1104	0.29%	0.160%
129	12.174	12.166	12.183	VV	27	179	0.05%	0.026%
130	12.191	12.183	12.239	VV	24	370	0.10%	0.054%
131	12.265	12.239	12.275	VV	24	347	0.09%	0.050%
132	12.289	12.275	12.297	VV	22	251	0.07%	0.036%
133	12.304	12.297	12.322	VV	23	236	0.06%	0.034%
134	12.342	12.322	12.354	PV	28	279	0.07%	0.040%
135	12.367	12.354	12.379	VV	20	190	0.05%	0.027%
136	12.387	12.379	12.406	VV	15	169	0.04%	0.024%
137	12.417	12.406	12.479	VV	22	603	0.16%	0.087%
138	12.493	12.479	12.500	VV	15	134	0.04%	0.019%
139	12.512	12.500	12.519	VV	19	163	0.04%	0.024%
140	12.575	12.519	12.611	VV	40	1090	0.29%	0.158%
141	12.620	12.611	12.627	VV	19	116	0.03%	0.017%

Instrument :
FID_B
ClientSampleId :
TP-4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

					rteres			
142	12.636	12.627	12.644	VV	23	157	0.04%	0.023%
143	12.655	12.644	12.669	VV	21	223		
144	12.721	12.669	12.735	VV	64	1516		
145	12.757	12.735	12.765	VV	87	1366		
146	12.773	12.765	12.833	VV	91	2214		
147	12.911	12.833	12.940	VV	64	2616		
148	12.946	12.940	12.979	VV	48	943	0.25%	0.136%
149	12.991	12.979	12.999	VV	56	545	0.14%	0.079%
150	13.049	12.999	13.072	VV	131	4347	1.15%	0.629%
151	13.081	13.072	13.099	VV	121	1566	0.42%	0.227%
152	13.187	13.099	13.291	VV	274	15741	4.18%	2.277%
153	13.308	13.291	13.344	VV	44	898	0.24%	0.130%
154	13.382	13.344	13.401	VV	23	434	0.12%	0.063%
155	13.414	13.401	13.445	VV	14	270	0.07%	0.039%
156	13.513	13.445	13.538	VV	47	1747	0.46%	0.253%
157	13.546	13.538	13.583	VV	45	791	0.21%	0.114%
158	13.614	13.583	13.623	VV	22	418	0.11%	0.060%
159	13.630	13.623	13.650	VV	26	310	0.08%	0.045%
160	13.657	13.650	13.678	VV	26	282	0.07%	0.041%
161	13.689	13.678	13.700	VV	17	172	0.05%	0.025%
162	13.708	13.700	13.725	VV	15	189	0.05%	0.027%
163	13.745	13.725	13.757	VV	36	378	0.10%	0.055%
164	13.783	13.757	13.809	VV	35	743	0.20%	0.107%
165	13.830	13.809	13.842	VV	38	569	0.15%	0.082%
166	13.926	13.842	14.011	VV	150	8685	2.31%	1.256%
167	14.107	14.011	14.120	VV	173	7785	2.07%	1.126%
168	14.131	14.120	14.296	VV	165	8448	2.24%	1.222%
169	14.307	14.296	14.315	VV	17	129	0.03%	0.019%
170	14.348	14.315	14.356	VV	26	419	0.11%	0.061%
171	14.395	14.356	14.418	VV	45	1210	0.32%	0.175%
172	14.426	14.418	14.457	VV	33	612	0.16%	0.088%
173	14.522	14.457	14.533	VV	41	956	0.25%	0.138%
174	14.540	14.533	14.564	VV	24	335	0.09%	0.048%
175	14.571	14.564	14.582	VV	16	124	0.03%	0.018%
176	14.595	14.582	14.623	VV	22	252	0.07%	0.036%
177	14.635	14.623	14.655	VV	18	141	0.04%	0.020%
178	14.680	14.655	14.693	VV	18	192	0.05%	0.028%
179	14.703	14.693	14.738	VV	14	216	0.06%	0.031%
180	14.781	14.738	14.801	VV	27	550	0.15%	0.080%
181	14.868	14.801	14.888	VV	40	1389	0.37%	0.201%
182	14.894	14.888	14.908	VV	14	152	0.04%	0.022%
183	14.928	14.908	14.937	VV	25	294	0.08%	0.043%
184	14.946	14.937	14.962	VV	24	285	0.08%	0.041%
185	15.061	14.962	15.123	VV	102	5364	1.42%	0.776%
186	15.141	15.123	15.150	VV	47	570	0.15%	0.083%
187	15.158	15.150	15.166	VV	39	329	0.09%	0.048%
188	15.209	15.166	15.323	VV	67	4035	1.07%	0.584%
189	15.407	15.323	15.470	VV	189	10612	2.82%	1.535%
190	15.498	15.470	15.606	VV	114	5198	1.38%	0.752%
191	15.618	15.606	15.735	VV	23	1191	0.32%	0.172%
192	15.787	15.735	15.830	PV	18	829	0.22%	0.120%
193	15.962	15.830	16.036	VV	80	4400	1.17%	0.637%
194	16.048	16.036	16.066	VV	11	201	0.05%	0.029%

Instrument :
FID_B
ClientSampleId :
TP-4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

					rteres			
195	16.090	16.066	16.105	VV	21	290	0.08%	0.042%
196	16.197	16.105	16.327	VV	260	13681	3	
197	16.357	16.327	16.380	VV	53	1301	0	
198	16.395	16.380	16.405	VV	50	618	0	
199	16.416	16.405	16.494	VV	59	1287	0	
200	16.546	16.494	16.561	VV	28	830	0	
201	16.592	16.561	16.607	VV	31	570	0.15%	0.083%
202	16.617	16.607	16.706	VV	24	957	0.25%	0.138%
203	16.744	16.706	16.781	PV	38	782	0.21%	0.113%
			Sum of corrected areas:			691219		

FB042325.M Wed May 14 09:03:16 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031711.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 12:21
Operator : YP/AJ
Sample : Q1982-05
Misc : 5.65G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-5

Integration File: Calibration.e
Quant Time: May 14 07:20:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.794	384039	16.746 ng/ml
	Target Compounds			

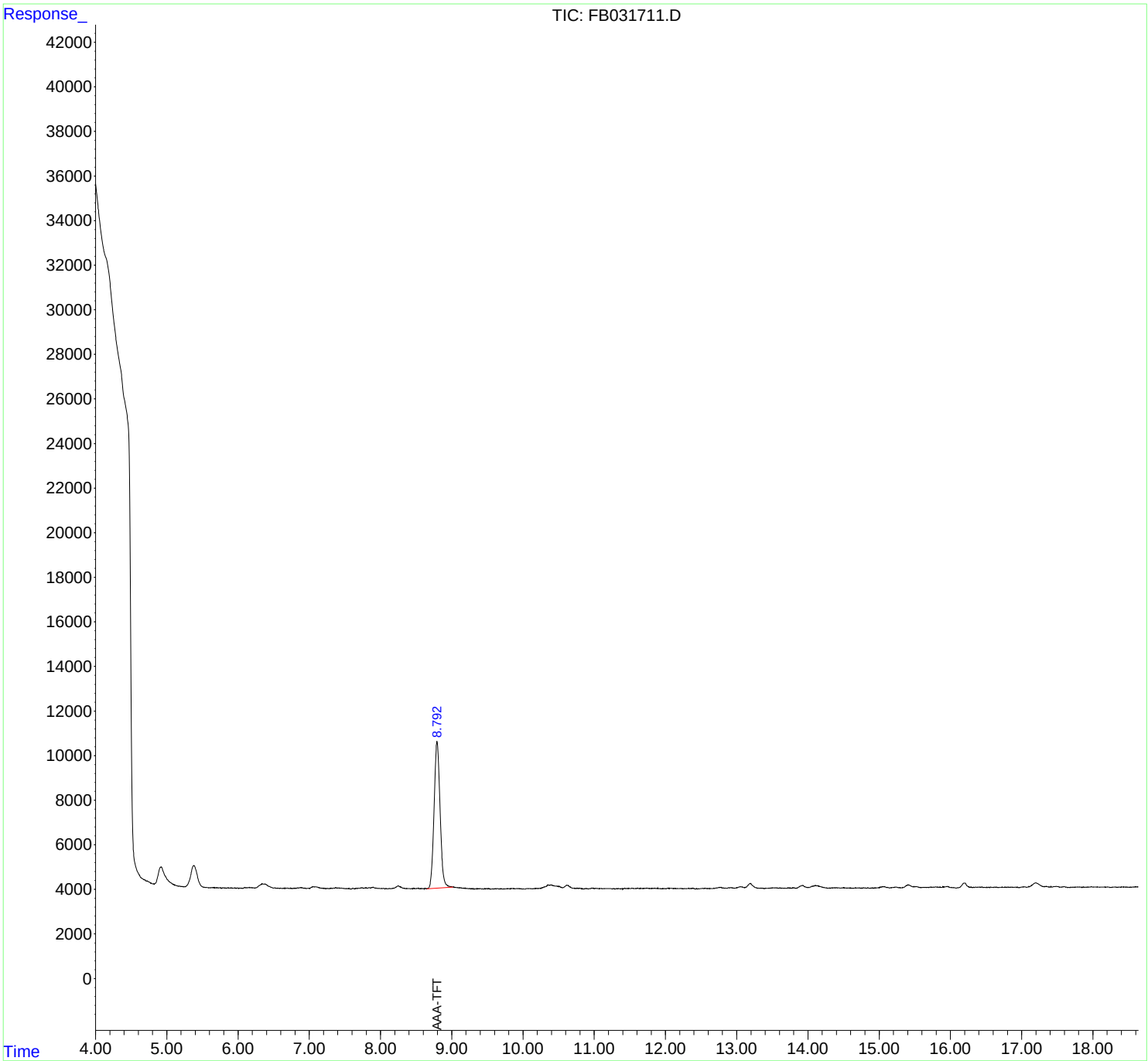
(f)=RT Delta > 1/2 Window (m)=manual int.

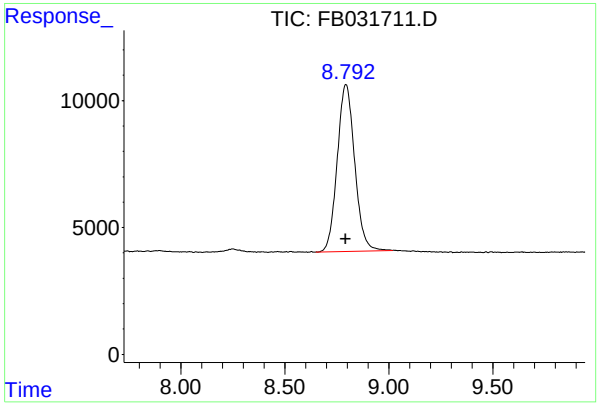
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031711.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 12:21
Operator : YP/AJ
Sample : Q1982-05
Misc : 5.65G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-5

Integration File: Calibration.e
Quant Time: May 14 07:20:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.794 min
Delta R.T.: 0.002 mi
Response: 384039
Conc: 16.75 ng/m

Instrument :
FID_B
ClientSampleId :
TP-5

A B C D E F G H I

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031711.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 12:21
Sample : Q1982-05
Misc : 5.65G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.721	4.671	4.805	BV	3	46	0.01%	0.007%
2	4.815	4.805	4.824	PV	13	101	0.03%	0.015%
3	5.179	5.172	5.239	VB	17	248	0.06%	0.038%
4	5.553	5.544	5.588	VV	25	364	0.09%	0.056%
5	5.602	5.588	5.612	PV	16	121	0.03%	0.018%
6	5.639	5.612	5.653	VV	19	303	0.08%	0.046%
7	5.660	5.653	5.726	VB	26	418	0.11%	0.064%
8	5.796	5.728	5.805	BV	15	108	0.03%	0.017%
9	5.808	5.805	5.818	VV	10	42	0.01%	0.006%
10	5.822	5.818	5.837	VV	11	54	0.01%	0.008%
11	5.852	5.837	5.862	PV	15	168	0.04%	0.026%
12	5.870	5.862	5.885	VV	20	179	0.05%	0.027%
13	5.916	5.885	5.925	VV	28	410	0.10%	0.063%
14	5.940	5.925	5.948	VV	18	213	0.05%	0.033%
15	5.959	5.948	5.971	VV	27	266	0.07%	0.041%
16	5.989	5.971	6.008	PV	27	420	0.11%	0.064%
17	6.029	6.008	6.039	VV	26	332	0.08%	0.051%
18	6.047	6.039	6.060	VV	22	204	0.05%	0.031%
19	6.095	6.060	6.139	VV	52	1579	0.40%	0.241%
20	6.156	6.139	6.202	VV	56	1624	0.41%	0.248%
21	6.211	6.202	6.229	VV	45	567	0.14%	0.087%
22	6.347	6.229	6.497	VV	221	19883	5.02%	3.042%
23	6.515	6.497	6.586	VV	43	1376	0.35%	0.210%
24	6.594	6.586	6.619	VV	26	368	0.09%	0.056%
25	6.628	6.619	6.651	VV	20	332	0.08%	0.051%
26	6.691	6.651	6.711	VV	37	882	0.22%	0.135%
27	6.719	6.711	6.729	VV	20	185	0.05%	0.028%
28	6.742	6.729	6.751	VV	27	257	0.06%	0.039%
29	6.757	6.751	6.771	VV	18	182	0.05%	0.028%
30	6.781	6.771	6.788	VV	29	200	0.05%	0.031%
31	6.799	6.788	6.809	VV	31	320	0.08%	0.049%
32	6.972	6.958	6.982	VV	29	326	0.08%	0.050%
33	6.989	6.982	6.998	VV	28	249	0.06%	0.038%
34	7.053	6.998	7.084	VV	97	3693	0.93%	0.565%
35	7.097	7.084	7.127	VV	93	2175	0.55%	0.333%
36	7.133	7.127	7.195	VV	73	1787	0.45%	0.273%

rteres

37	7.203	7.195	7.237	VV	35	615	0.16%	0.094%
38	7.253	7.237	7.283	VV	28	570	0.14%	0.087%
39	7.294	7.283	7.300	VV	33	207	0.05%	0.032%
40	7.309	7.300	7.323	VV	40	401	0.10%	0.061%
41	7.349	7.323	7.356	VV	41	643	0.16%	0.098%
42	7.373	7.356	7.392	VV	58	1033	0.26%	0.158%
43	7.421	7.392	7.430	VV	51	979	0.25%	0.150%
44	7.444	7.430	7.485	VV	44	1171	0.30%	0.179%
45	7.490	7.485	7.507	VV	31	315	0.08%	0.048%
46	7.556	7.507	7.593	VV	29	754	0.19%	0.115%
47	7.611	7.593	7.636	VV	39	521	0.13%	0.080%
48	7.660	7.636	7.671	PV	45	518	0.13%	0.079%
49	7.684	7.671	7.698	VV	46	553	0.14%	0.085%
50	7.743	7.698	7.768	VV	68	2047	0.52%	0.313%
51	7.793	7.768	7.817	VV	71	1506	0.38%	0.230%
52	7.842	7.817	7.856	VV	67	1273	0.32%	0.195%
53	7.898	7.856	7.938	VV	85	3045	0.77%	0.466%
54	7.946	7.938	7.967	VV	48	666	0.17%	0.102%
55	7.984	7.967	7.995	VV	36	507	0.13%	0.078%
56	8.016	7.995	8.029	VV	33	589	0.15%	0.090%
57	8.042	8.029	8.063	VV	39	551	0.14%	0.084%
58	8.073	8.063	8.105	VV	32	456	0.12%	0.070%
59	8.122	8.105	8.145	VV	35	524	0.13%	0.080%
60	8.250	8.145	8.321	VV	150	7940	2.00%	1.215%
61	8.328	8.321	8.365	VV	41	811	0.20%	0.124%
62	8.373	8.365	8.421	VV	30	816	0.21%	0.125%
63	8.468	8.421	8.490	VV	43	1109	0.28%	0.170%
64	8.527	8.490	8.556	VV	41	1183	0.30%	0.181%
65	8.570	8.556	8.595	VV	34	584	0.15%	0.089%
66	8.603	8.595	8.611	VV	26	205	0.05%	0.031%
67	8.629	8.611	8.641	VV	44	483	0.12%	0.074%
68	8.794	8.641	9.018	VV	6629	396114	100.00%	60.593%
69	9.026	9.018	9.105	VV	101	4043	1.02%	0.618%
70	9.120	9.105	9.133	VV	74	1086	0.27%	0.166%
71	9.140	9.133	9.157	VV	56	693	0.18%	0.106%
72	9.178	9.157	9.208	VV	47	1200	0.30%	0.183%
73	9.216	9.208	9.239	VV	36	556	0.14%	0.085%
74	9.250	9.239	9.261	VV	33	346	0.09%	0.053%
75	9.271	9.261	9.288	VV	28	339	0.09%	0.052%
76	9.300	9.288	9.322	VV	38	396	0.10%	0.061%
77	9.350	9.322	9.359	VV	37	419	0.11%	0.064%
78	9.378	9.359	9.385	VV	24	310	0.08%	0.047%
79	9.404	9.385	9.423	VV	29	472	0.12%	0.072%
80	9.436	9.423	9.455	VV	19	245	0.06%	0.037%
81	9.468	9.455	9.479	VV	36	276	0.07%	0.042%
82	9.494	9.479	9.504	VV	34	338	0.09%	0.052%
83	9.512	9.504	9.520	VV	28	219	0.06%	0.034%
84	9.525	9.520	9.543	VV	23	234	0.06%	0.036%
85	9.614	9.543	9.629	PV	25	756	0.19%	0.116%
86	9.641	9.629	9.675	VV	28	499	0.13%	0.076%
87	9.682	9.675	9.717	VV	25	404	0.10%	0.062%
88	9.798	9.717	9.807	VV	28	931	0.24%	0.142%
89	9.839	9.807	9.898	VV	36	1278	0.32%	0.196%

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90	9.906	9.898	9.920	VV	28	308	0.08%	0.047%
91	9.927	9.920	9.993	VV	30	870	0.22%	0.133%
92	10.016	9.993	10.027	VV	17	228	0.06%	0.035%
93	10.054	10.027	10.084	VV	28	657	0.17%	0.101%
94	10.091	10.084	10.098	VV	28	224	0.06%	0.034%
95	10.100	10.098	10.109	VV	30	157	0.04%	0.024%
96	10.185	10.109	10.201	VV	37	1381	0.35%	0.211%
97	10.357	10.201	10.379	VV	185	9915	2.50%	1.517%
98	10.389	10.379	10.491	VV	188	10172	2.57%	1.556%
99	10.499	10.491	10.510	VV	130	1405	0.35%	0.215%
100	10.518	10.510	10.556	VV	121	2391	0.60%	0.366%
101	10.616	10.556	10.709	VV	175	9544	2.41%	1.460%
102	10.723	10.709	10.736	VV	45	536	0.14%	0.082%
103	10.752	10.736	10.788	VV	35	992	0.25%	0.152%
104	10.797	10.788	10.858	VV	40	925	0.23%	0.141%
105	10.889	10.858	10.919	VV	30	653	0.16%	0.100%
106	10.937	10.919	10.946	VV	22	264	0.07%	0.040%
107	10.965	10.946	10.973	VV	43	516	0.13%	0.079%
108	10.988	10.973	11.002	VV	47	577	0.15%	0.088%
109	11.027	11.002	11.036	VV	37	562	0.14%	0.086%
110	11.043	11.036	11.069	VV	32	472	0.12%	0.072%
111	11.104	11.069	11.120	VV	26	582	0.15%	0.089%
112	11.130	11.120	11.142	VV	22	234	0.06%	0.036%
113	11.178	11.142	11.259	VV	24	1284	0.32%	0.196%
114	11.267	11.259	11.301	VV	18	342	0.09%	0.052%
115	11.344	11.301	11.373	VV	30	710	0.18%	0.109%
116	11.385	11.373	11.404	VV	23	234	0.06%	0.036%
117	11.480	11.404	11.511	VV	42	1400	0.35%	0.214%
118	11.529	11.511	11.571	VV	32	881	0.22%	0.135%
119	11.658	11.571	11.674	VV	41	1598	0.40%	0.244%
120	11.739	11.674	11.785	VV	35	1851	0.47%	0.283%
121	11.806	11.785	11.880	VV	38	1496	0.38%	0.229%
122	11.890	11.880	11.943	VV	31	764	0.19%	0.117%
123	11.963	11.943	12.013	VV	18	604	0.15%	0.092%
124	12.045	12.013	12.122	VV	32	1550	0.39%	0.237%
125	12.136	12.122	12.180	VV	23	679	0.17%	0.104%
126	12.210	12.180	12.250	VV	27	728	0.18%	0.111%
127	12.275	12.250	12.309	VV	16	487	0.12%	0.075%
128	12.387	12.309	12.428	VV	32	1252	0.32%	0.192%
129	12.520	12.428	12.541	PV	21	722	0.18%	0.110%
130	12.559	12.541	12.665	VV	28	1272	0.32%	0.195%
131	12.772	12.665	12.859	VV	68	4599	1.16%	0.704%
132	12.917	12.859	12.987	VV	54	2970	0.75%	0.454%
133	13.050	12.987	13.120	VV	92	5263	1.33%	0.805%
134	13.195	13.120	13.324	VV	236	13129	3.31%	2.008%
135	13.365	13.324	13.397	VV	29	776	0.20%	0.119%
136	13.414	13.397	13.433	VV	19	330	0.08%	0.050%
137	13.515	13.433	13.586	VV	38	2564	0.65%	0.392%
138	13.604	13.586	13.670	VV	31	1153	0.29%	0.176%
139	13.680	13.670	13.700	VV	28	292	0.07%	0.045%
140	13.747	13.700	13.770	VV	46	1076	0.27%	0.165%
141	13.804	13.770	13.845	VV	46	1165	0.29%	0.178%

rteres

142	13.924	13.845	14.020	VV	143	8557	2.16%	1.309%
143	14.112	14.020	14.318	VV	140	12785	3.23%	1.956%
144	14.394	14.318	14.471	VV	34	2320	0.59%	0.355%
145	14.499	14.471	14.549	VV	34	1097	0.28%	0.168%
146	14.563	14.549	14.585	VV	24	350	0.09%	0.053%
147	14.599	14.585	14.626	VV	14	303	0.08%	0.046%
148	14.716	14.626	14.749	VV	28	1106	0.28%	0.169%
149	14.783	14.749	14.799	VV	33	533	0.13%	0.082%
150	14.807	14.799	14.822	VV	21	175	0.04%	0.027%
151	14.844	14.822	14.867	VV	37	367	0.09%	0.056%
152	14.891	14.867	14.926	PV	17	412	0.10%	0.063%
153	15.059	14.926	15.145	VV	79	5216	1.32%	0.798%
154	15.234	15.145	15.308	VV	52	3184	0.80%	0.487%
155	15.416	15.308	15.498	VV	151	9523	2.40%	1.457%
156	15.523	15.498	15.607	VV	69	2973	0.75%	0.455%
157	15.712	15.607	15.732	VV	43	2595	0.66%	0.397%
158	15.795	15.732	15.836	VV	61	2729	0.69%	0.417%
159	15.855	15.836	15.876	VV	51	931	0.24%	0.142%
160	15.896	15.876	16.035	VV	74	4289	1.08%	0.656%
161	16.049	16.035	16.082	VV	21	346	0.09%	0.053%
162	16.196	16.082	16.304	PV	220	11201	2.83%	1.713%
163	16.402	16.304	16.425	VV	30	1664	0.42%	0.254%
164	16.443	16.425	16.539	VV	33	994	0.25%	0.152%
165	16.566	16.539	16.675	VV	25	1069	0.27%	0.164%
166	16.727	16.675	16.788	VV	20	564	0.14%	0.086%
			Sum of corrected areas:			653730		

FB042325.M Wed May 14 09:03:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031724.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:35
Operator : YP/AJ
Sample : Q1982-06
Misc : 4.26G/5.00 ML DI WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-6

Integration File: Calibration.e
Quant Time: May 14 07:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.795	435726	19.000 ng/ml
	Target Compounds			

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

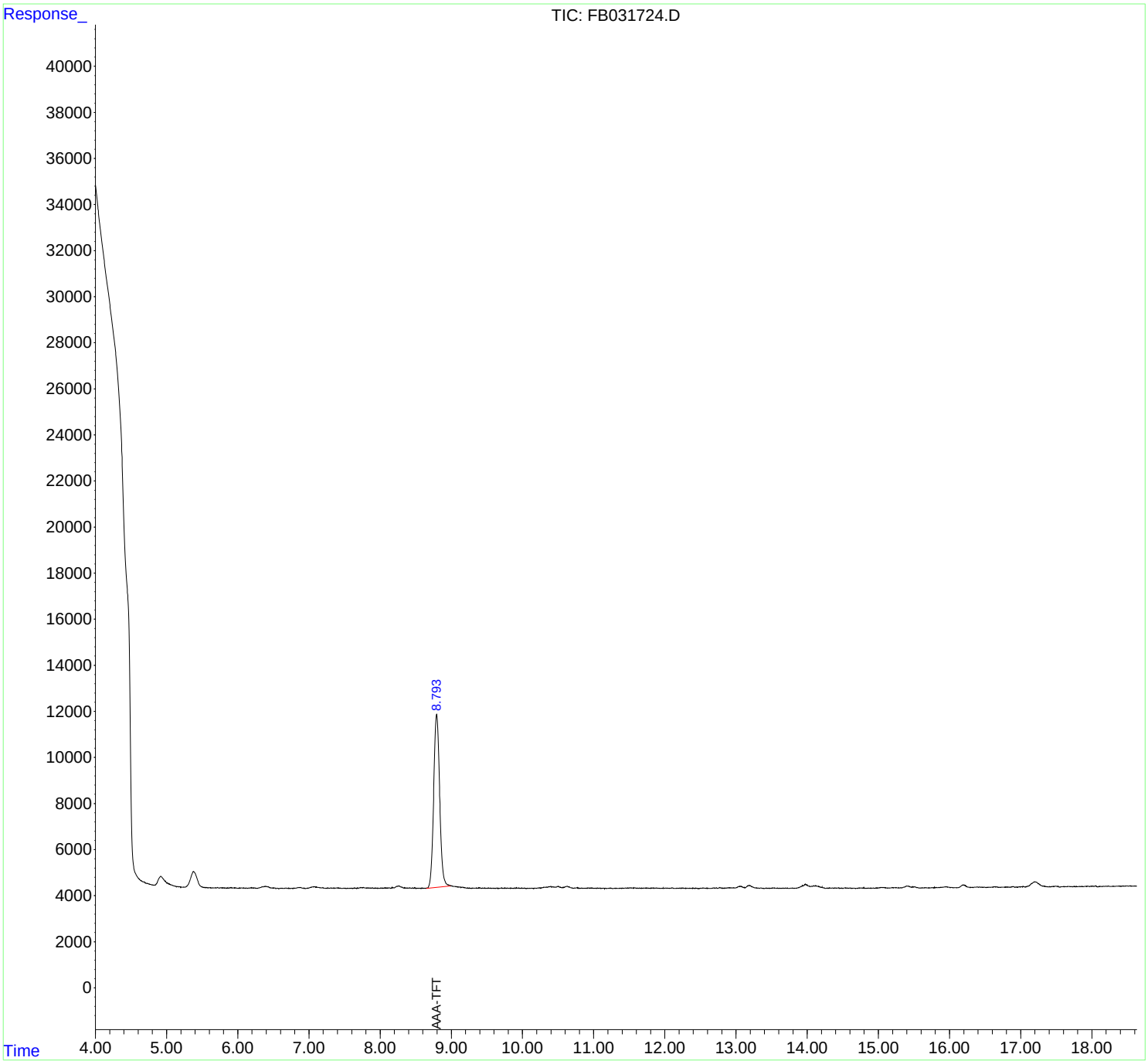
Sample Results: **FB031724.D**

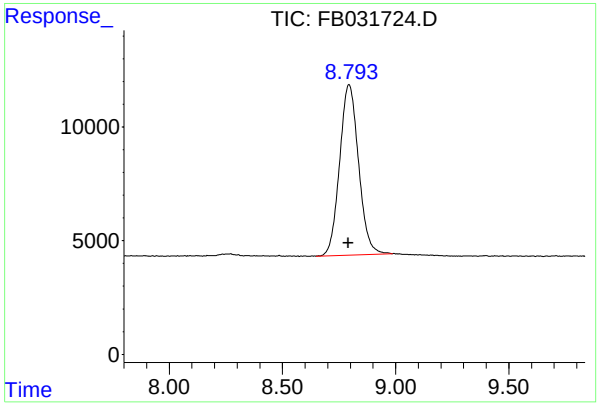
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031724.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:35
Operator : YP/AJ
Sample : Q1982-06
Misc : 4.26G/5.00 ML DI WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-6

Integration File: Calibration.e
Quant Time: May 14 07:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.795 min
Delta R.T.: 0.003 mi
Response: 435726
Conc: 19.00 ng/m

Instrument :
FID_B
ClientSampleId :
TP-6

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031724.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 19:35
Sample : Q1982-06
Misc : 4.26G/5.00 ML DI WATER
ALS Vial : 18 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.828	4.788	4.837	BV	11	29	0.01%	0.005%
2	5.158	5.141	5.173	PV	16	148	0.03%	0.023%
3	5.188	5.173	5.233	VV	13	133	0.03%	0.021%
4	5.242	5.233	5.250	PV	10	47	0.01%	0.007%
5	5.538	5.528	5.550	VV	25	171	0.04%	0.027%
6	5.562	5.550	5.589	VV	14	204	0.05%	0.032%
7	5.608	5.589	5.634	VV	16	222	0.05%	0.035%
8	5.652	5.634	5.661	PV	13	94	0.02%	0.015%
9	5.689	5.661	5.703	VV	13	224	0.05%	0.035%
10	5.716	5.703	5.745	VV	25	306	0.07%	0.048%
11	5.755	5.745	5.766	VV	18	149	0.03%	0.023%
12	5.784	5.766	5.794	VV	24	265	0.06%	0.042%
13	5.804	5.794	5.816	VV	23	170	0.04%	0.027%
14	5.827	5.816	5.837	VV	18	142	0.03%	0.022%
15	5.858	5.837	5.870	PV	20	189	0.04%	0.030%
16	5.904	5.870	5.922	VV	32	606	0.14%	0.096%
17	5.939	5.922	5.951	VV	24	314	0.07%	0.050%
18	5.965	5.951	6.010	VV	29	444	0.10%	0.070%
19	6.020	6.010	6.035	PV	15	156	0.04%	0.025%
20	6.054	6.035	6.071	VV	24	364	0.08%	0.058%
21	6.083	6.071	6.107	VV	32	362	0.08%	0.057%
22	6.117	6.107	6.140	VV	19	299	0.07%	0.047%
23	6.157	6.140	6.167	VV	23	256	0.06%	0.041%
24	6.183	6.167	6.204	VV	36	569	0.13%	0.090%
25	6.209	6.204	6.223	VV	32	274	0.06%	0.043%
26	6.234	6.223	6.262	VV	30	445	0.10%	0.070%
27	6.271	6.262	6.282	VV	17	151	0.03%	0.024%
28	6.342	6.282	6.352	VV	87	2041	0.46%	0.323%
29	6.389	6.352	6.509	VV	111	6187	1.39%	0.979%
30	6.517	6.509	6.539	VV	37	477	0.11%	0.075%
31	6.553	6.539	6.577	VV	31	403	0.09%	0.064%
32	6.601	6.577	6.641	PV	27	735	0.17%	0.116%
33	6.676	6.641	6.719	VV	35	1028	0.23%	0.163%
34	6.727	6.719	6.758	VV	23	400	0.09%	0.063%
35	6.764	6.758	6.777	VV	29	230	0.05%	0.036%
36	6.848	6.777	6.864	VV	61	1885	0.42%	0.298%

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37	6.869	6.864	6.877	VV	60	429	0.10%	0.068%
38	6.886	6.877	6.953	VV	63	1514	0.34%	0.239%
39	6.963	6.953	6.968	VV	21	150	0.03%	0.024%
40	6.981	6.968	6.990	VV	38	353	0.08%	0.056%
41	7.082	6.990	7.157	VV	89	6475	1.46%	1.024%
42	7.165	7.157	7.186	VV	52	716	0.16%	0.113%
43	7.198	7.186	7.213	VV	53	585	0.13%	0.093%
44	7.228	7.213	7.238	VV	30	346	0.08%	0.055%
45	7.271	7.238	7.283	VV	36	736	0.17%	0.116%
46	7.306	7.283	7.324	VV	40	685	0.15%	0.108%
47	7.348	7.324	7.357	VV	39	594	0.13%	0.094%
48	7.363	7.357	7.369	VV	34	189	0.04%	0.030%
49	7.374	7.369	7.379	VV	29	169	0.04%	0.027%
50	7.393	7.379	7.404	VV	39	481	0.11%	0.076%
51	7.409	7.404	7.427	VV	46	447	0.10%	0.071%
52	7.439	7.427	7.473	VV	29	509	0.11%	0.080%
53	7.484	7.473	7.527	VV	22	546	0.12%	0.086%
54	7.546	7.527	7.579	VV	19	429	0.10%	0.068%
55	7.591	7.579	7.616	VV	25	372	0.08%	0.059%
56	7.642	7.616	7.669	VV	36	656	0.15%	0.104%
57	7.683	7.669	7.693	VV	27	292	0.07%	0.046%
58	7.722	7.693	7.732	VV	52	749	0.17%	0.119%
59	7.739	7.732	7.750	VV	51	451	0.10%	0.071%
60	7.763	7.750	7.821	VV	49	1507	0.34%	0.238%
61	7.833	7.821	7.845	VV	35	400	0.09%	0.063%
62	7.857	7.845	7.878	VV	34	498	0.11%	0.079%
63	7.889	7.878	7.915	VV	41	542	0.12%	0.086%
64	7.928	7.915	7.936	VV	30	267	0.06%	0.042%
65	7.945	7.936	7.958	VV	32	279	0.06%	0.044%
66	7.970	7.958	7.986	VV	27	277	0.06%	0.044%
67	7.994	7.986	8.003	VV	21	168	0.04%	0.027%
68	8.023	8.003	8.031	VV	28	343	0.08%	0.054%
69	8.039	8.031	8.047	VV	30	210	0.05%	0.033%
70	8.070	8.047	8.085	VV	39	581	0.13%	0.092%
71	8.093	8.085	8.112	VV	36	412	0.09%	0.065%
72	8.122	8.112	8.148	VV	39	599	0.14%	0.095%
73	8.171	8.148	8.181	VV	45	592	0.13%	0.094%
74	8.189	8.181	8.199	VV	38	379	0.09%	0.060%
75	8.237	8.199	8.244	VV	102	1918	0.43%	0.303%
76	8.253	8.244	8.264	VV	111	1236	0.28%	0.195%
77	8.272	8.264	8.329	VV	119	2774	0.63%	0.439%
78	8.340	8.329	8.395	VV	38	1089	0.25%	0.172%
79	8.417	8.395	8.445	VV	35	681	0.15%	0.108%
80	8.456	8.445	8.472	VV	26	338	0.08%	0.053%
81	8.486	8.472	8.513	VV	47	506	0.11%	0.080%
82	8.531	8.513	8.543	VV	15	231	0.05%	0.036%
83	8.552	8.543	8.575	VV	18	230	0.05%	0.036%
84	8.583	8.575	8.619	PV	24	285	0.06%	0.045%
85	8.631	8.619	8.647	VV	14	132	0.03%	0.021%
86	8.795	8.647	9.030	PV	7531	443776	100.00%	70.186%
87	9.037	9.030	9.102	VB	37	878	0.20%	0.139%
88	9.126	9.105	9.148	BV	9	35	0.01%	0.006%
89	9.157	9.148	9.222	PV	18	368	0.08%	0.058%

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90	9.227	9.222	9.290	PV	17	150	0.03%	0.024%
91	9.302	9.290	9.341	PV	12	264	0.06%	0.042%
92	9.354	9.341	9.366	PV	17	179	0.04%	0.028%
93	9.402	9.366	9.416	VV	32	545	0.12%	0.086%
94	9.438	9.416	9.458	PV	23	309	0.07%	0.049%
95	9.473	9.458	9.483	VV	25	245	0.06%	0.039%
96	9.496	9.483	9.508	VV	18	181	0.04%	0.029%
97	9.521	9.508	9.543	VV	19	304	0.07%	0.048%
98	9.551	9.543	9.569	VV	21	179	0.04%	0.028%
99	9.579	9.569	9.592	VV	16	152	0.03%	0.024%
100	9.608	9.592	9.618	VV	18	195	0.04%	0.031%
101	9.631	9.618	9.653	VV	22	284	0.06%	0.045%
102	9.668	9.653	9.680	PV	22	209	0.05%	0.033%
103	9.709	9.680	9.734	VV	37	583	0.13%	0.092%
104	9.742	9.734	9.747	VV	20	118	0.03%	0.019%
105	9.758	9.747	9.779	VV	25	337	0.08%	0.053%
106	9.789	9.779	9.810	VV	23	328	0.07%	0.052%
107	9.829	9.810	9.844	VV	23	354	0.08%	0.056%
108	9.853	9.844	9.874	VV	23	213	0.05%	0.034%
109	9.892	9.874	9.901	VV	34	338	0.08%	0.053%
110	9.911	9.901	9.933	VV	40	490	0.11%	0.077%
111	9.950	9.933	9.979	VV	28	542	0.12%	0.086%
112	9.994	9.979	10.012	VV	30	363	0.08%	0.057%
113	10.028	10.012	10.049	VV	29	386	0.09%	0.061%
114	10.054	10.049	10.060	PV	10	37	0.01%	0.006%
115	10.079	10.060	10.093	VV	18	231	0.05%	0.036%
116	10.102	10.093	10.112	VV	15	136	0.03%	0.021%
117	10.127	10.112	10.140	VV	26	283	0.06%	0.045%
118	10.178	10.140	10.196	VV	25	540	0.12%	0.085%
119	10.245	10.196	10.260	VV	44	1090	0.25%	0.172%
120	10.316	10.260	10.329	VV	66	2072	0.47%	0.328%
121	10.371	10.329	10.380	VV	88	2210	0.50%	0.350%
122	10.392	10.380	10.416	VV	96	1759	0.40%	0.278%
123	10.423	10.416	10.453	VV	84	1660	0.37%	0.263%
124	10.489	10.453	10.498	VV	99	2100	0.47%	0.332%
125	10.506	10.498	10.557	VV	106	2502	0.56%	0.396%
126	10.631	10.557	10.711	VV	107	5975	1.35%	0.945%
127	10.730	10.711	10.740	VV	31	423	0.10%	0.067%
128	10.769	10.740	10.816	VV	48	1304	0.29%	0.206%
129	10.835	10.816	10.849	VV	29	433	0.10%	0.068%
130	10.859	10.849	10.867	VV	28	220	0.05%	0.035%
131	10.890	10.867	10.900	VV	26	421	0.09%	0.067%
132	10.909	10.900	10.914	VV	31	188	0.04%	0.030%
133	10.924	10.914	10.956	VV	36	661	0.15%	0.104%
134	10.964	10.956	10.976	VV	29	333	0.07%	0.053%
135	10.985	10.976	11.003	VV	29	372	0.08%	0.059%
136	11.054	11.003	11.069	VV	34	828	0.19%	0.131%
137	11.094	11.069	11.103	VV	33	453	0.10%	0.072%
138	11.116	11.103	11.125	PV	26	206	0.05%	0.033%
139	11.137	11.125	11.154	VV	26	359	0.08%	0.057%
140	11.169	11.154	11.178	VV	31	277	0.06%	0.044%
141	11.213	11.178	11.224	VV	26	474	0.11%	0.075%

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142	11.238	11.224	11.269	VV	29	493	0.11%	0.078%
143	11.281	11.269	11.301	VV	19	269	0.06%	0.043%
144	11.315	11.301	11.358	VV	25	611	0.14%	0.097%
145	11.381	11.358	11.390	VV	27	370	0.08%	0.058%
146	11.427	11.390	11.438	VV	28	571	0.13%	0.090%
147	11.451	11.438	11.463	VV	35	381	0.09%	0.060%
148	11.488	11.463	11.496	VV	32	507	0.11%	0.080%
149	11.510	11.496	11.518	VV	44	434	0.10%	0.069%
150	11.541	11.518	11.553	VV	40	673	0.15%	0.106%
151	11.563	11.553	11.571	VV	42	349	0.08%	0.055%
152	11.579	11.571	11.606	VV	36	594	0.13%	0.094%
153	11.620	11.606	11.634	VV	30	360	0.08%	0.057%
154	11.645	11.634	11.658	VV	32	330	0.07%	0.052%
155	11.676	11.658	11.698	VV	32	544	0.12%	0.086%
156	11.707	11.698	11.718	VV	34	334	0.08%	0.053%
157	11.732	11.718	11.752	VV	37	550	0.12%	0.087%
158	11.763	11.752	11.799	VV	31	578	0.13%	0.091%
159	11.837	11.799	11.908	VV	32	1645	0.37%	0.260%
160	11.917	11.908	11.940	VV	21	320	0.07%	0.051%
161	11.978	11.940	11.993	VV	30	581	0.13%	0.092%
162	12.008	11.993	12.063	VV	32	828	0.19%	0.131%
163	12.103	12.063	12.150	VV	41	1129	0.25%	0.179%
164	12.180	12.150	12.199	VV	24	499	0.11%	0.079%
165	12.214	12.199	12.347	VV	25	1656	0.37%	0.262%
166	12.392	12.347	12.492	VV	26	1152	0.26%	0.182%
167	12.542	12.492	12.620	VV	35	1426	0.32%	0.226%
168	12.691	12.620	12.706	VV	39	950	0.21%	0.150%
169	12.725	12.706	12.742	VV	40	590	0.13%	0.093%
170	12.772	12.742	12.840	VV	46	1577	0.36%	0.249%
171	12.894	12.840	12.939	VV	40	1921	0.43%	0.304%
172	13.055	12.939	13.129	VV	106	6737	1.52%	1.066%
173	13.185	13.129	13.335	VV	149	8551	1.93%	1.352%
174	13.348	13.335	13.397	VV	30	671	0.15%	0.106%
175	13.425	13.397	13.480	PV	30	718	0.16%	0.114%
176	13.530	13.480	13.597	VV	33	1377	0.31%	0.218%
177	13.612	13.597	13.626	VV	20	231	0.05%	0.037%
178	13.663	13.626	13.678	VV	26	491	0.11%	0.078%
179	13.694	13.678	13.744	VV	23	598	0.13%	0.095%
180	13.791	13.744	13.822	VV	27	708	0.16%	0.112%
181	13.976	13.822	14.067	VV	190	13476	3.04%	2.131%
182	14.095	14.067	14.262	VV	126	8690	1.96%	1.374%
183	14.279	14.262	14.298	VV	20	282	0.06%	0.045%
184	14.311	14.298	14.372	VV	31	756	0.17%	0.120%
185	14.393	14.372	14.413	VV	22	426	0.10%	0.067%
186	14.439	14.413	14.469	VV	30	637	0.14%	0.101%
187	14.487	14.469	14.510	VV	19	241	0.05%	0.038%
188	14.532	14.510	14.580	VV	27	769	0.17%	0.122%
189	14.601	14.580	14.637	VV	24	391	0.09%	0.062%
190	14.661	14.637	14.700	PV	13	257	0.06%	0.041%
191	14.750	14.700	14.852	VV	24	1160	0.26%	0.184%
192	14.893	14.852	14.947	PV	22	693	0.16%	0.110%
193	15.054	14.947	15.154	VV	39	2765	0.62%	0.437%
194	15.192	15.154	15.205	VV	37	583	0.13%	0.092%

					rteres			
195	15.251	15.205	15.284	VV	34	1053	0.24%	0.167%
196	15.399	15.284	15.476	VV	99	5604	1.26%	0.886%
197	15.483	15.476	15.596	VV	62	2178	0.49%	0.344%
198	15.658	15.596	15.729	PV	21	773	0.17%	0.122%
199	15.748	15.729	15.795	VV	19	476	0.11%	0.075%
200	15.945	15.795	16.088	VV	49	3926	0.88%	0.621%
201	16.192	16.088	16.308	VV	127	6534	1.47%	1.033%
202	16.317	16.308	16.336	VV	16	208	0.05%	0.033%
203	16.392	16.336	16.409	VV	30	975	0.22%	0.154%
204	16.425	16.409	16.480	VV	34	840	0.19%	0.133%
205	16.491	16.480	16.511	VV	21	235	0.05%	0.037%
206	16.526	16.511	16.547	PV	10	189	0.04%	0.030%
207	16.556	16.547	16.572	VV	19	182	0.04%	0.029%
208	16.635	16.572	16.707	VV	35	1363	0.31%	0.216%
					Sum of corrected areas:		632287	

FB042325.M Wed May 14 09:12:12 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031739.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:58
Operator : YP/AJ
Sample : Q1982-07 50X
Misc : 5.46G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-8

Integration File: Calibration.e
Quant Time: May 15 04:28:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.794	405245	17.671 ng/ml
	Target Compounds			

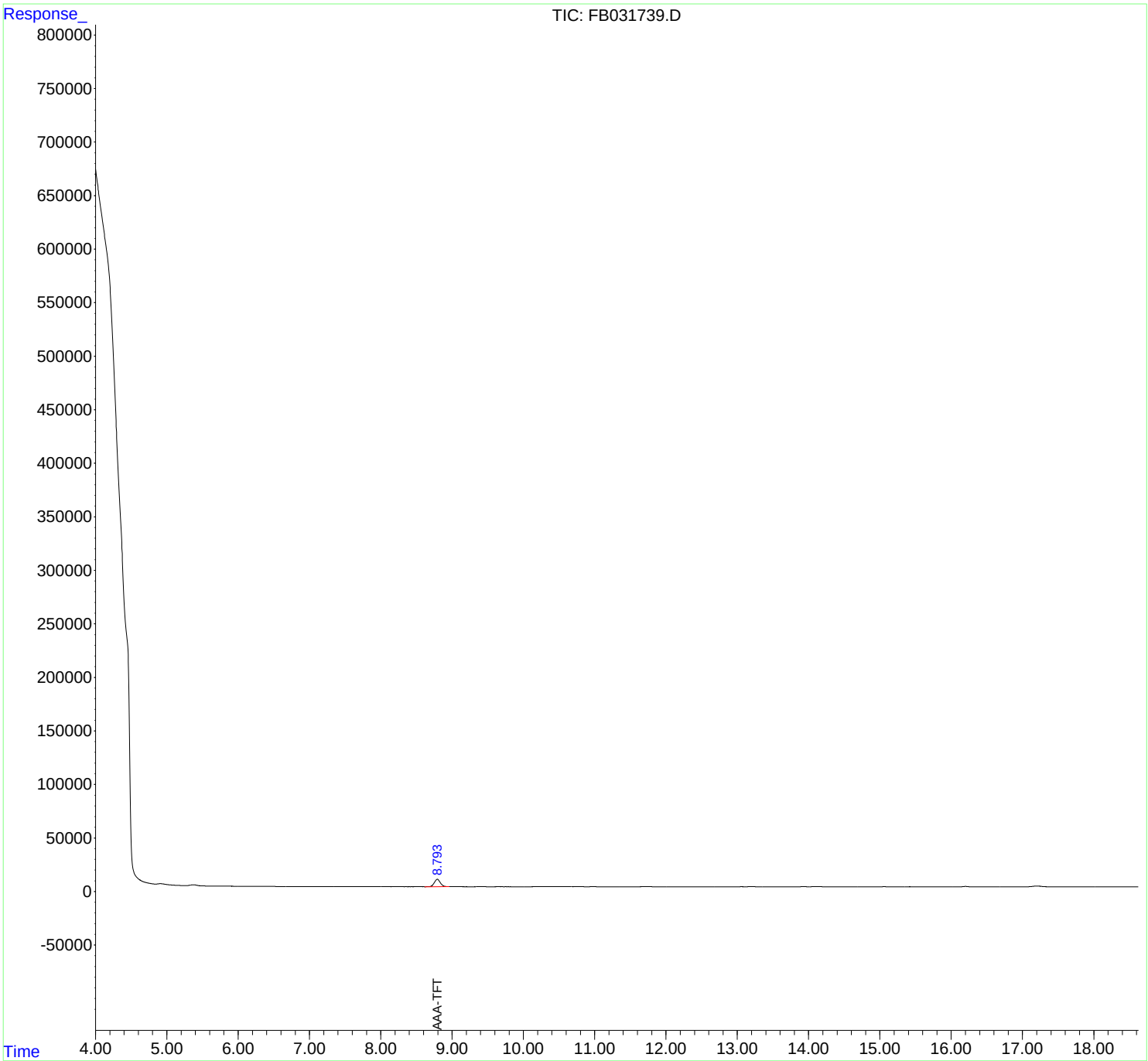
(f)=RT Delta > 1/2 Window (m)=manual int.

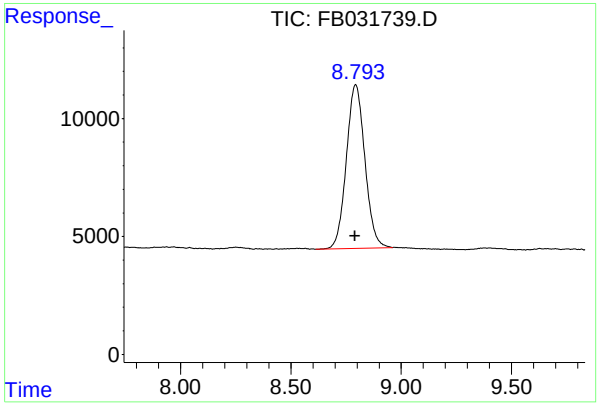
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031739.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:58
Operator : YP/AJ
Sample : Q1982-07 50X
Misc : 5.46G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-8

Integration File: Calibration.e
Quant Time: May 15 04:28:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.794 min
Delta R.T.: 0.002 mi
Response: 405245
Conc: 17.67 ng/m

Instrument :
FID_B
ClientSampleId :
TP-8

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031739.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:58
Sample : Q1982-07 50X
Misc : 5.46G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.222	5.214	5.261	PV	23	255	0.06%	0.033%
2	5.667	5.656	5.703	PV	17	217	0.05%	0.028%
3	5.713	5.703	5.756	VV	25	484	0.12%	0.063%
4	5.766	5.756	5.805	PV	22	265	0.06%	0.034%
5	5.817	5.805	5.838	VV	27	325	0.08%	0.042%
6	5.843	5.838	5.888	VV	20	408	0.10%	0.053%
7	5.901	5.888	5.915	VV	33	249	0.06%	0.032%
8	5.924	5.915	5.937	PV	18	140	0.03%	0.018%
9	5.952	5.937	5.981	VV	22	266	0.06%	0.035%
10	5.989	5.981	6.001	PV	16	96	0.02%	0.013%
11	6.018	6.001	6.041	PV	32	490	0.12%	0.064%
12	6.051	6.041	6.104	VV	28	873	0.21%	0.113%
13	6.126	6.104	6.146	VV	51	952	0.23%	0.124%
14	6.157	6.146	6.185	VV	65	1216	0.29%	0.158%
15	6.199	6.185	6.207	VV	71	795	0.19%	0.103%
16	6.213	6.207	6.230	VV	71	724	0.17%	0.094%
17	6.237	6.230	6.265	VV	43	775	0.18%	0.101%
18	6.274	6.265	6.287	VV	40	400	0.10%	0.052%
19	6.373	6.287	6.384	VV	118	4139	0.99%	0.538%
20	6.396	6.384	6.488	VV	106	3618	0.86%	0.470%
21	6.495	6.488	6.542	VV	22	459	0.11%	0.060%
22	6.563	6.542	6.625	PV	23	517	0.12%	0.067%
23	6.633	6.625	6.639	PV	7	41	0.01%	0.005%
24	6.648	6.639	6.695	VV	17	326	0.08%	0.042%
25	6.728	6.695	6.765	VV	24	414	0.10%	0.054%
26	6.775	6.765	6.793	PV	15	138	0.03%	0.018%
27	6.803	6.793	6.815	VV	20	162	0.04%	0.021%
28	6.875	6.815	6.935	VV	45	1854	0.44%	0.241%
29	6.944	6.935	6.970	VV	22	230	0.05%	0.030%
30	6.987	6.970	7.006	VV	14	183	0.04%	0.024%
31	7.055	7.006	7.076	VV	72	1950	0.46%	0.254%
32	7.084	7.076	7.141	VV	79	2311	0.55%	0.300%
33	7.152	7.141	7.193	VV	54	1257	0.30%	0.163%
34	7.203	7.193	7.254	VV	34	619	0.15%	0.081%
35	7.260	7.254	7.270	VV	21	167	0.04%	0.022%
36	7.280	7.270	7.301	VV	33	368	0.09%	0.048%

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37	7.344	7.301	7.368	PV	39	770	0.18%	0.100%
38	7.375	7.368	7.402	VV	38	622	0.15%	0.081%
39	7.418	7.402	7.430	VV	36	520	0.12%	0.068%
40	7.442	7.430	7.452	VV	31	370	0.09%	0.048%
41	7.458	7.452	7.468	VV	30	236	0.06%	0.031%
42	7.481	7.468	7.514	VV	32	465	0.11%	0.060%
43	7.530	7.514	7.555	VV	26	496	0.12%	0.065%
44	7.563	7.555	7.572	VV	26	163	0.04%	0.021%
45	7.584	7.572	7.607	VV	30	346	0.08%	0.045%
46	7.614	7.607	7.641	VV	25	356	0.08%	0.046%
47	7.647	7.641	7.668	VV	33	413	0.10%	0.054%
48	7.678	7.668	7.687	VV	28	286	0.07%	0.037%
49	7.743	7.687	7.784	VV	56	2612	0.62%	0.340%
50	7.791	7.784	7.827	VV	51	864	0.21%	0.112%
51	7.846	7.827	7.856	VV	32	448	0.11%	0.058%
52	7.884	7.856	7.891	VV	62	922	0.22%	0.120%
53	7.938	7.891	7.949	VV	83	2243	0.53%	0.292%
54	7.971	7.949	8.025	VV	80	2707	0.64%	0.352%
55	8.042	8.025	8.065	VV	59	877	0.21%	0.114%
56	8.088	8.065	8.099	VV	33	445	0.11%	0.058%
57	8.112	8.099	8.145	VV	33	489	0.12%	0.064%
58	8.186	8.145	8.196	PV	28	544	0.13%	0.071%
59	8.253	8.196	8.334	VV	85	4067	0.97%	0.529%
60	8.342	8.334	8.350	VV	26	163	0.04%	0.021%
61	8.357	8.350	8.378	VV	22	176	0.04%	0.023%
62	8.386	8.378	8.418	PV	15	221	0.05%	0.029%
63	8.437	8.418	8.460	VV	22	261	0.06%	0.034%
64	8.471	8.460	8.477	VV	18	124	0.03%	0.016%
65	8.529	8.477	8.551	VV	47	1383	0.33%	0.180%
66	8.565	8.551	8.588	VV	45	601	0.14%	0.078%
67	8.603	8.588	8.613	VV	20	191	0.05%	0.025%
68	8.621	8.613	8.628	VV	9	65	0.02%	0.008%
69	8.794	8.628	9.100	VV	6994	419685	100.00%	54.560%
70	9.109	9.100	9.187	VV	43	1396	0.33%	0.181%
71	9.197	9.187	9.273	VB	28	759	0.18%	0.099%
72	9.377	9.274	9.390	BV	81	2457	0.59%	0.319%
73	9.400	9.390	9.441	VV	85	2135	0.51%	0.277%
74	9.449	9.441	9.522	VV	58	1547	0.37%	0.201%
75	9.537	9.522	9.564	VV	16	271	0.06%	0.035%
76	9.605	9.564	9.613	VV	49	641	0.15%	0.083%
77	9.629	9.613	9.643	VV	75	1023	0.24%	0.133%
78	9.666	9.643	9.683	VV	71	1409	0.34%	0.183%
79	9.699	9.683	9.728	VV	66	1337	0.32%	0.174%
80	9.756	9.728	9.768	VV	58	1111	0.26%	0.144%
81	9.786	9.768	9.808	VV	61	1140	0.27%	0.148%
82	9.819	9.808	9.852	VV	57	895	0.21%	0.116%
83	9.861	9.852	9.876	VV	26	267	0.06%	0.035%
84	9.887	9.876	9.897	VV	24	225	0.05%	0.029%
85	9.911	9.897	9.935	VV	21	347	0.08%	0.045%
86	9.947	9.935	9.990	VV	20	265	0.06%	0.034%
87	10.004	9.990	10.015	PV	12	107	0.03%	0.014%
88	10.031	10.015	10.077	VV	20	369	0.09%	0.048%
89	10.185	10.077	10.267	VV	170	12089	2.88%	1.572%

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90	10.277	10.267	10.285	VV	129	1325	0.32%	0.172%
91	10.319	10.285	10.353	VV	158	5698	1.36%	0.741%
92	10.359	10.353	10.367	VV	118	992	0.24%	0.129%
93	10.384	10.367	10.418	VV	124	3685	0.88%	0.479%
94	10.505	10.418	10.571	VV	198	14297	3.41%	1.859%
95	10.630	10.571	10.697	VV	237	12997	3.10%	1.690%
96	10.782	10.697	10.908	VV	243	17164	4.09%	2.231%
97	10.980	10.908	11.008	VV	138	6353	1.51%	0.826%
98	11.016	11.008	11.101	VV	112	3177	0.76%	0.413%
99	11.132	11.101	11.140	VV	59	974	0.23%	0.127%
100	11.147	11.140	11.164	VV	53	621	0.15%	0.081%
101	11.189	11.164	11.220	VV	48	1119	0.27%	0.145%
102	11.253	11.220	11.281	VV	41	1017	0.24%	0.132%
103	11.305	11.281	11.315	PV	26	248	0.06%	0.032%
104	11.330	11.315	11.353	PV	16	222	0.05%	0.029%
105	11.453	11.353	11.478	VV	57	2570	0.61%	0.334%
106	11.489	11.478	11.498	VV	60	621	0.15%	0.081%
107	11.508	11.498	11.515	VV	62	597	0.14%	0.078%
108	11.524	11.515	11.550	VV	64	1096	0.26%	0.143%
109	11.619	11.550	11.631	VV	89	3090	0.74%	0.402%
110	11.726	11.631	11.828	VV	219	18276	4.35%	2.376%
111	11.838	11.828	11.863	VV	87	1771	0.42%	0.230%
112	11.874	11.863	11.960	VV	90	2907	0.69%	0.378%
113	11.979	11.960	11.999	VV	39	557	0.13%	0.072%
114	12.011	11.999	12.018	VV	33	304	0.07%	0.040%
115	12.068	12.018	12.086	VV	63	1958	0.47%	0.255%
116	12.094	12.086	12.165	VV	51	1747	0.42%	0.227%
117	12.181	12.165	12.228	VV	30	614	0.15%	0.080%
118	12.239	12.228	12.251	PV	12	77	0.02%	0.010%
119	12.262	12.251	12.290	VV	13	189	0.05%	0.025%
120	12.306	12.290	12.323	VV	19	204	0.05%	0.027%
121	12.329	12.323	12.339	VV	11	78	0.02%	0.010%
122	12.357	12.339	12.389	VV	19	303	0.07%	0.039%
123	12.402	12.389	12.411	VV	21	141	0.03%	0.018%
124	12.422	12.411	12.456	VV	18	325	0.08%	0.042%
125	12.480	12.456	12.496	VV	34	324	0.08%	0.042%
126	12.521	12.496	12.534	VV	44	374	0.09%	0.049%
127	12.554	12.534	12.572	VV	19	234	0.06%	0.030%
128	12.598	12.572	12.614	VV	21	339	0.08%	0.044%
129	12.624	12.614	12.633	VV	30	268	0.06%	0.035%
130	12.644	12.633	12.676	VV	45	635	0.15%	0.083%
131	12.762	12.676	12.824	VV	83	4112	0.98%	0.535%
132	12.845	12.824	12.854	VV	33	526	0.13%	0.068%
133	12.859	12.854	12.879	VV	26	317	0.08%	0.041%
134	12.897	12.879	12.911	VV	28	483	0.12%	0.063%
135	13.066	12.911	13.108	VV	144	9476	2.26%	1.232%
136	13.115	13.108	13.124	VV	73	642	0.15%	0.083%
137	13.194	13.124	13.314	VV	334	18669	4.45%	2.427%
138	13.323	13.314	13.336	VV	37	361	0.09%	0.047%
139	13.346	13.336	13.358	VV	31	306	0.07%	0.040%
140	13.373	13.358	13.419	VV	27	728	0.17%	0.095%
141	13.426	13.419	13.471	VV	25	584	0.14%	0.076%

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142	13.481	13.471	13.486	VV	20	146	0.03%	0.019%
143	13.562	13.486	13.581	VV	54	1995	0.48%	0.259%
144	13.599	13.581	13.618	VV	44	576	0.14%	0.075%
145	13.633	13.618	13.644	VV	26	243	0.06%	0.032%
146	13.660	13.644	13.677	VV	20	249	0.06%	0.032%
147	13.693	13.677	13.724	VV	21	464	0.11%	0.060%
148	13.736	13.724	13.750	VV	38	408	0.10%	0.053%
149	13.759	13.750	13.764	VV	27	197	0.05%	0.026%
150	13.772	13.764	13.780	VV	34	253	0.06%	0.033%
151	13.928	13.780	13.990	VV	221	13185	3.14%	1.714%
152	13.999	13.990	14.009	VV	101	1087	0.26%	0.141%
153	14.111	14.009	14.257	VV	254	23315	5.56%	3.031%
154	14.266	14.257	14.279	VV	45	457	0.11%	0.059%
155	14.358	14.279	14.368	VV	67	2363	0.56%	0.307%
156	14.384	14.368	14.400	VV	54	958	0.23%	0.125%
157	14.413	14.400	14.458	VV	59	1493	0.36%	0.194%
158	14.467	14.458	14.488	VV	25	381	0.09%	0.050%
159	14.498	14.488	14.508	VV	35	279	0.07%	0.036%
160	14.532	14.508	14.548	VV	24	481	0.11%	0.063%
161	14.558	14.548	14.575	VV	30	368	0.09%	0.048%
162	14.584	14.575	14.612	VV	20	329	0.08%	0.043%
163	14.630	14.612	14.638	VV	34	315	0.08%	0.041%
164	14.644	14.638	14.658	VV	28	262	0.06%	0.034%
165	14.668	14.658	14.698	VV	29	422	0.10%	0.055%
166	14.714	14.698	14.725	VV	29	298	0.07%	0.039%
167	14.776	14.725	14.786	PV	17	420	0.10%	0.055%
168	14.804	14.786	14.823	VV	32	407	0.10%	0.053%
169	14.842	14.823	14.854	VV	28	379	0.09%	0.049%
170	14.866	14.854	14.904	VV	40	736	0.18%	0.096%
171	14.914	14.904	14.929	VV	30	345	0.08%	0.045%
172	14.939	14.929	14.958	VV	27	348	0.08%	0.045%
173	14.988	14.958	14.996	VV	48	706	0.17%	0.092%
174	15.055	14.996	15.120	VV	167	7419	1.77%	0.965%
175	15.129	15.120	15.156	VV	53	933	0.22%	0.121%
176	15.174	15.156	15.189	VV	52	876	0.21%	0.114%
177	15.214	15.189	15.223	VV	53	958	0.23%	0.125%
178	15.235	15.223	15.244	VV	54	605	0.14%	0.079%
179	15.252	15.244	15.271	VV	48	588	0.14%	0.076%
180	15.292	15.271	15.300	VV	35	550	0.13%	0.072%
181	15.333	15.300	15.341	VV	51	961	0.23%	0.125%
182	15.392	15.341	15.402	VV	99	2525	0.60%	0.328%
183	15.418	15.402	15.475	VV	122	4332	1.03%	0.563%
184	15.500	15.475	15.565	VV	105	4147	0.99%	0.539%
185	15.573	15.565	15.587	VV	50	454	0.11%	0.059%
186	15.612	15.587	15.631	VV	53	943	0.22%	0.123%
187	15.641	15.631	15.676	VV	51	1079	0.26%	0.140%
188	15.684	15.676	15.700	VV	43	524	0.12%	0.068%
189	15.717	15.700	15.731	VV	52	816	0.19%	0.106%
190	15.787	15.731	15.796	VV	79	2247	0.54%	0.292%
191	15.808	15.796	15.821	VV	80	1039	0.25%	0.135%
192	15.836	15.821	15.845	VV	77	1069	0.25%	0.139%
193	15.853	15.845	15.890	VV	88	2010	0.48%	0.261%
194	15.933	15.890	15.957	VV	94	3350	0.80%	0.435%

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195	15.967	15.957	16.036	VV	86	2660	0.63%	0.346%
196	16.044	16.036	16.082	VV	39	699	0.17%	0.091%
197	16.091	16.082	16.108	VV	27	269	0.06%	0.035%
198	16.195	16.108	16.274	VV	358	17002	4.05%	2.210%
199	16.279	16.274	16.305	VV	73	1101	0.26%	0.143%
200	16.310	16.305	16.346	VV	56	1219	0.29%	0.158%
201	16.382	16.346	16.464	VV	66	3201	0.76%	0.416%
202	16.477	16.464	16.492	VV	38	297	0.07%	0.039%
203	16.512	16.492	16.527	VV	29	383	0.09%	0.050%
204	16.537	16.527	16.552	VV	33	378	0.09%	0.049%
205	16.563	16.552	16.576	VV	38	392	0.09%	0.051%
206	16.614	16.576	16.625	VV	37	696	0.17%	0.090%
207	16.632	16.625	16.646	VV	36	377	0.09%	0.049%
208	16.656	16.646	16.695	VV	31	597	0.14%	0.078%
209	16.726	16.695	16.739	PV	24	217	0.05%	0.028%
210	16.761	16.739	16.787	VV	17	213	0.05%	0.028%
211	16.873	16.787	16.909	PV	20	537	0.13%	0.070%
212	16.928	16.909	16.951	VV	12	213	0.05%	0.028%
213	16.973	16.951	16.987	VV	16	173	0.04%	0.022%

Sum of corrected areas: 769211

FB042325.M Thu May 15 04:53:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031716.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 15:53
Operator : YP/AJ
Sample : Q1982-08
Misc : 5.80G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-9

Integration File: Calibration.e
Quant Time: May 14 07:21:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.794	280146	12.216 ng/ml
	Target Compounds			

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

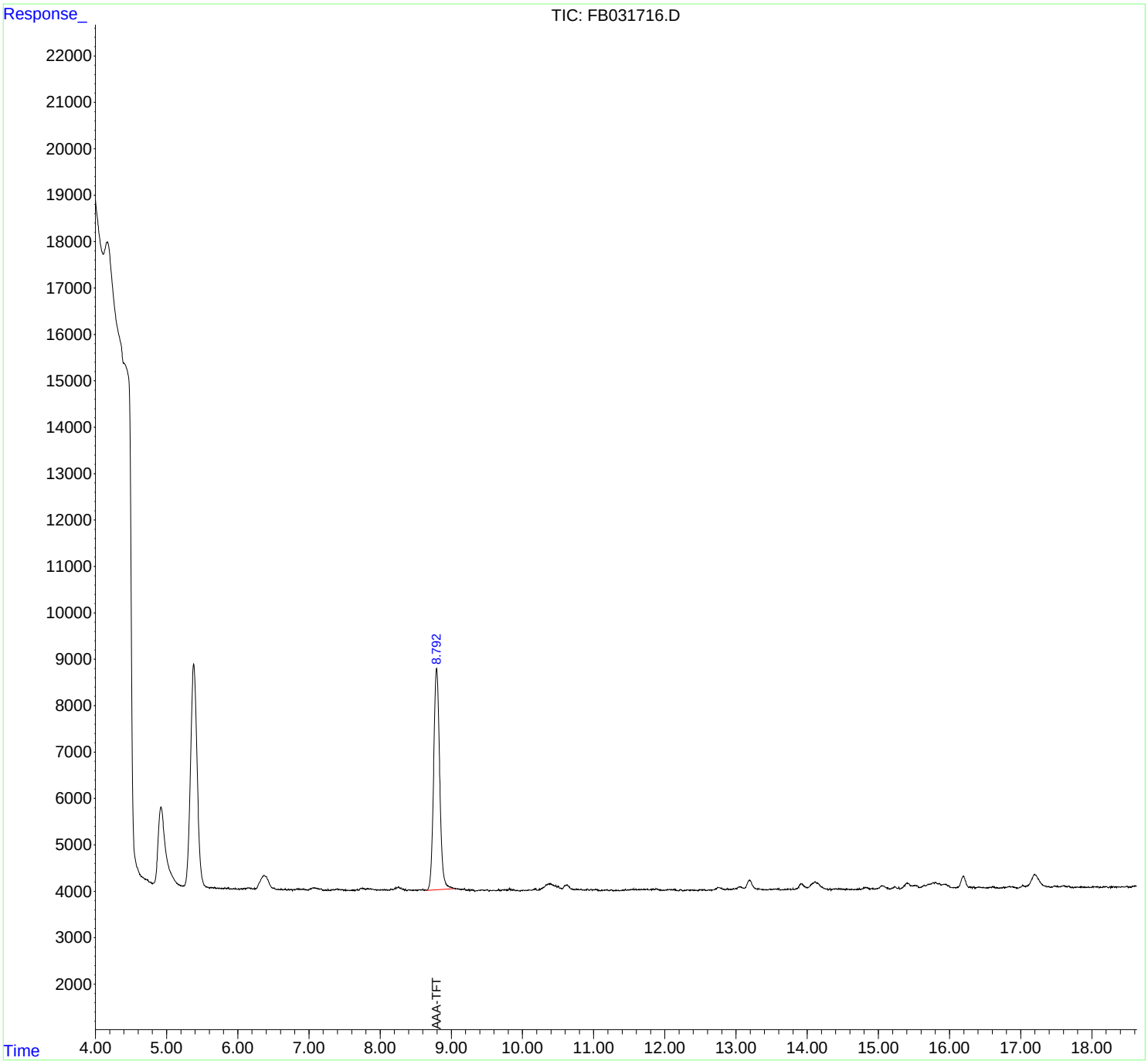
Sample Results: **FB031716.D**

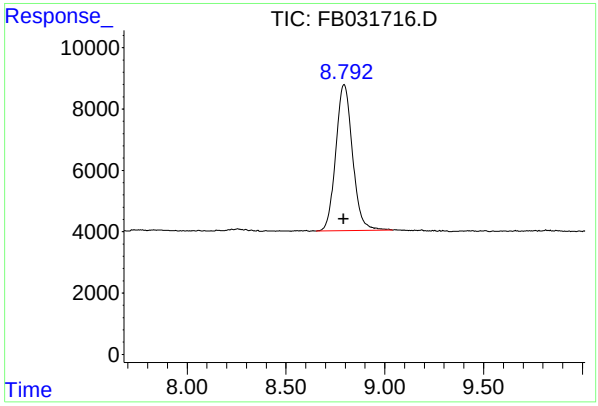
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031716.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 15:53
Operator : YP/AJ
Sample : Q1982-08
Misc : 5.80G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TP-9

Integration File: Calibration.e
Quant Time: May 14 07:21:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.:	8.794 min
Delta R.T.:	0.002 mi
Response:	280146
Conc:	12.22 ng/m

Instrument :
FID_B
ClientSampleId :
TP-9

A B C D E F G H I

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031716.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 15:53
Sample : Q1982-08
Misc : 5.80G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.205	5.198	5.227	VV	10	65	0.02%	0.012%
2	5.236	5.227	5.243	PV	15	67	0.02%	0.012%
3	5.563	5.557	5.575	VV	31	232	0.08%	0.043%
4	5.584	5.575	5.601	VV	21	225	0.08%	0.041%
5	5.653	5.601	5.662	PV	23	528	0.19%	0.097%
6	5.672	5.662	5.696	VV	25	286	0.10%	0.052%
7	5.704	5.696	5.709	PV	11	49	0.02%	0.009%
8	5.717	5.709	5.776	VV	14	370	0.13%	0.068%
9	5.786	5.776	5.809	VV	14	180	0.06%	0.033%
10	5.818	5.809	5.829	VV	26	167	0.06%	0.031%
11	5.835	5.829	5.844	VV	16	123	0.04%	0.023%
12	5.863	5.844	5.893	VV	30	451	0.16%	0.083%
13	5.906	5.893	5.921	PV	11	134	0.05%	0.025%
14	5.930	5.921	5.937	VV	16	90	0.03%	0.016%
15	5.946	5.937	5.962	VV	18	177	0.06%	0.032%
16	5.968	5.962	5.996	VV	23	195	0.07%	0.036%
17	6.010	5.996	6.024	PV	19	153	0.05%	0.028%
18	6.049	6.024	6.068	VV	23	344	0.12%	0.063%
19	6.090	6.068	6.115	VV	31	613	0.22%	0.112%
20	6.147	6.115	6.157	VV	43	795	0.28%	0.146%
21	6.167	6.157	6.180	VV	40	461	0.16%	0.084%
22	6.190	6.180	6.211	VV	36	435	0.15%	0.080%
23	6.370	6.211	6.391	VV	313	16326	5.75%	2.994%
24	6.399	6.391	6.543	VV	288	10621	3.74%	1.948%
25	6.555	6.543	6.598	VV	20	470	0.17%	0.086%
26	6.621	6.598	6.632	VV	26	290	0.10%	0.053%
27	6.669	6.632	6.697	VV	30	473	0.17%	0.087%
28	6.716	6.697	6.729	VV	20	267	0.09%	0.049%
29	6.752	6.729	6.769	VV	24	319	0.11%	0.058%
30	6.796	6.769	6.805	PV	23	288	0.10%	0.053%
31	6.848	6.838	6.857	VV	42	349	0.12%	0.064%
32	6.864	6.857	6.875	VV	38	289	0.10%	0.053%
33	6.888	6.875	6.897	VV	25	285	0.10%	0.052%
34	6.926	6.897	6.978	VV	35	949	0.33%	0.174%
35	7.024	6.978	7.034	VV	46	805	0.28%	0.148%
36	7.051	7.034	7.059	VV	57	719	0.25%	0.132%

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37	7.066	7.059	7.129	VV	59	2123	0.75%	0.389%
38	7.136	7.129	7.160	VV	45	651	0.23%	0.119%
39	7.174	7.160	7.192	VV	39	537	0.19%	0.099%
40	7.201	7.192	7.210	VV	15	104	0.04%	0.019%
41	7.233	7.210	7.250	VV	18	201	0.07%	0.037%
42	7.270	7.250	7.295	VV	20	229	0.08%	0.042%
43	7.305	7.295	7.312	VV	12	72	0.03%	0.013%
44	7.322	7.312	7.337	VV	24	270	0.10%	0.050%
45	7.347	7.337	7.357	VV	26	259	0.09%	0.048%
46	7.399	7.357	7.454	VV	41	1515	0.53%	0.278%
47	7.460	7.454	7.467	VV	27	179	0.06%	0.033%
48	7.475	7.467	7.485	VV	27	227	0.08%	0.042%
49	7.493	7.485	7.519	VV	24	256	0.09%	0.047%
50	7.527	7.519	7.538	PV	11	62	0.02%	0.011%
51	7.543	7.538	7.585	VV	12	226	0.08%	0.041%
52	7.601	7.585	7.611	VV	19	145	0.05%	0.027%
53	7.617	7.611	7.647	VV	15	200	0.07%	0.037%
54	7.666	7.647	7.674	VV	22	239	0.08%	0.044%
55	7.683	7.674	7.698	VV	26	265	0.09%	0.049%
56	7.736	7.698	7.797	VV	53	2343	0.83%	0.430%
57	7.832	7.797	7.846	VV	49	1163	0.41%	0.213%
58	7.870	7.846	7.880	VV	44	813	0.29%	0.149%
59	7.889	7.880	7.953	VV	37	1130	0.40%	0.207%
60	7.982	7.953	7.994	VV	22	380	0.13%	0.070%
61	8.034	7.994	8.044	VV	25	521	0.18%	0.096%
62	8.058	8.044	8.078	VV	32	384	0.14%	0.070%
63	8.086	8.078	8.114	VV	23	316	0.11%	0.058%
64	8.122	8.114	8.130	VV	18	129	0.05%	0.024%
65	8.163	8.130	8.186	VV	36	824	0.29%	0.151%
66	8.226	8.186	8.239	VV	75	1533	0.54%	0.281%
67	8.257	8.239	8.287	VV	84	1913	0.67%	0.351%
68	8.295	8.287	8.314	VV	63	727	0.26%	0.133%
69	8.326	8.314	8.347	VV	44	514	0.18%	0.094%
70	8.358	8.347	8.371	VV	36	246	0.09%	0.045%
71	8.400	8.371	8.422	PV	23	346	0.12%	0.064%
72	8.438	8.422	8.457	VV	15	216	0.08%	0.040%
73	8.467	8.457	8.486	VV	14	152	0.05%	0.028%
74	8.499	8.486	8.528	VV	13	231	0.08%	0.042%
75	8.558	8.528	8.586	VV	19	452	0.16%	0.083%
76	8.605	8.586	8.619	VV	26	278	0.10%	0.051%
77	8.637	8.619	8.656	PV	11	163	0.06%	0.030%
78	8.794	8.656	9.041	VV	4779	283718	100.00%	52.027%
79	9.050	9.041	9.072	VV	35	526	0.19%	0.097%
80	9.079	9.072	9.144	VB	25	651	0.23%	0.119%
81	9.188	9.146	9.235	BV	28	431	0.15%	0.079%
82	9.253	9.235	9.268	VV	27	267	0.09%	0.049%
83	9.279	9.268	9.329	PV	29	634	0.22%	0.116%
84	9.356	9.329	9.369	PV	15	224	0.08%	0.041%
85	9.389	9.369	9.402	VV	23	379	0.13%	0.069%
86	9.444	9.402	9.468	VV	30	984	0.35%	0.180%
87	9.507	9.468	9.532	VV	35	849	0.30%	0.156%
88	9.549	9.532	9.577	PV	25	412	0.15%	0.076%
89	9.589	9.577	9.646	VV	24	728	0.26%	0.134%

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90	9.661	9.646	9.685	VV	40	535	0.19%	0.098%
91	9.720	9.685	9.750	VV	32	944	0.33%	0.173%
92	9.761	9.750	9.773	VV	40	441	0.16%	0.081%
93	9.781	9.773	9.798	VV	39	366	0.13%	0.067%
94	9.815	9.798	9.858	VV	62	1284	0.45%	0.235%
95	9.868	9.858	9.904	VV	43	738	0.26%	0.135%
96	9.912	9.904	9.919	VV	19	120	0.04%	0.022%
97	9.932	9.919	9.945	VV	24	233	0.08%	0.043%
98	9.958	9.945	9.969	VV	9	111	0.04%	0.020%
99	9.983	9.969	10.000	PV	18	255	0.09%	0.047%
100	10.010	10.000	10.029	VV	27	343	0.12%	0.063%
101	10.097	10.029	10.112	VV	30	1026	0.36%	0.188%
102	10.115	10.112	10.127	VV	25	196	0.07%	0.036%
103	10.177	10.127	10.219	VV	51	1812	0.64%	0.332%
104	10.240	10.219	10.249	VV	52	596	0.21%	0.109%
105	10.335	10.249	10.345	VV	143	4924	1.74%	0.903%
106	10.378	10.345	10.460	VV	162	9758	3.44%	1.789%
107	10.467	10.460	10.486	VV	126	1665	0.59%	0.305%
108	10.503	10.486	10.526	VV	111	2176	0.77%	0.399%
109	10.535	10.526	10.556	VV	69	1081	0.38%	0.198%
110	10.616	10.556	10.625	VV	132	4094	1.44%	0.751%
111	10.631	10.625	10.741	VV	135	4707	1.66%	0.863%
112	10.758	10.741	10.772	VV	54	710	0.25%	0.130%
113	10.790	10.772	10.808	VV	41	755	0.27%	0.138%
114	10.825	10.808	10.855	VV	45	897	0.32%	0.165%
115	10.863	10.855	10.872	VV	28	240	0.08%	0.044%
116	10.880	10.872	10.887	VV	27	226	0.08%	0.041%
117	10.914	10.887	10.936	VV	48	976	0.34%	0.179%
118	10.966	10.936	10.978	VV	43	757	0.27%	0.139%
119	10.999	10.978	11.009	VV	30	482	0.17%	0.088%
120	11.025	11.009	11.062	VV	41	931	0.33%	0.171%
121	11.069	11.062	11.101	VV	24	321	0.11%	0.059%
122	11.112	11.101	11.123	VV	25	194	0.07%	0.036%
123	11.191	11.123	11.219	VV	35	1129	0.40%	0.207%
124	11.251	11.219	11.284	VV	31	693	0.24%	0.127%
125	11.313	11.284	11.356	VV	23	556	0.20%	0.102%
126	11.448	11.356	11.484	VV	41	1391	0.49%	0.255%
127	11.550	11.484	11.578	VV	37	1701	0.60%	0.312%
128	11.593	11.578	11.632	VV	39	967	0.34%	0.177%
129	11.639	11.632	11.688	VV	40	1046	0.37%	0.192%
130	11.754	11.688	11.782	VV	38	1906	0.67%	0.350%
131	11.877	11.782	11.963	VV	49	3415	1.20%	0.626%
132	11.977	11.963	11.989	VV	26	255	0.09%	0.047%
133	12.070	11.989	12.084	VV	38	1402	0.49%	0.257%
134	12.096	12.084	12.123	VV	28	651	0.23%	0.119%
135	12.133	12.123	12.194	VV	32	791	0.28%	0.145%
136	12.218	12.194	12.255	VV	32	637	0.22%	0.117%
137	12.324	12.255	12.365	PV	27	1023	0.36%	0.188%
138	12.374	12.365	12.426	VV	20	554	0.20%	0.102%
139	12.439	12.426	12.472	VV	14	288	0.10%	0.053%
140	12.509	12.472	12.536	VV	29	703	0.25%	0.129%
141	12.555	12.536	12.592	VV	27	521	0.18%	0.096%

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142	12.645	12.592	12.670	VV	23	804	0.28%	0.148%
143	12.746	12.670	12.851	VV	74	4601	1.62%	0.844%
144	12.884	12.851	12.907	VV	40	1009	0.36%	0.185%
145	13.060	12.907	13.116	VV	85	6441	2.27%	1.181%
146	13.193	13.116	13.311	VV	229	12911	4.55%	2.368%
147	13.321	13.311	13.439	VV	41	1697	0.60%	0.311%
148	13.474	13.439	13.506	VV	29	877	0.31%	0.161%
149	13.553	13.506	13.633	VV	32	1799	0.63%	0.330%
150	13.687	13.633	13.699	VV	27	601	0.21%	0.110%
151	13.762	13.699	13.787	VV	30	1108	0.39%	0.203%
152	13.917	13.787	14.009	VV	141	8982	3.17%	1.647%
153	14.110	14.009	14.297	VV	186	16285	5.74%	2.986%
154	14.321	14.297	14.350	VV	31	409	0.14%	0.075%
155	14.401	14.350	14.434	VV	31	1135	0.40%	0.208%
156	14.447	14.434	14.465	VV	31	417	0.15%	0.077%
157	14.479	14.465	14.543	VV	33	774	0.27%	0.142%
158	14.553	14.543	14.604	VV	34	527	0.19%	0.097%
159	14.636	14.604	14.660	PV	18	279	0.10%	0.051%
160	14.824	14.660	14.885	VV	56	3042	1.07%	0.558%
161	14.925	14.885	14.959	VV	38	841	0.30%	0.154%
162	15.058	14.959	15.178	VV	85	5592	1.97%	1.025%
163	15.234	15.178	15.272	VV	65	2074	0.73%	0.380%
164	15.289	15.272	15.306	VV	44	506	0.18%	0.093%
165	15.404	15.306	15.480	VV	138	8399	2.96%	1.540%
166	15.512	15.480	15.586	VV	86	4332	1.53%	0.794%
167	15.648	15.586	15.662	VV	90	2822	0.99%	0.517%
168	15.772	15.662	15.790	VV	139	8291	2.92%	1.520%
169	15.806	15.790	15.849	VV	137	4447	1.57%	0.815%
170	15.857	15.849	15.886	VV	124	2394	0.84%	0.439%
171	15.943	15.886	16.055	VV	105	6990	2.46%	1.282%
172	16.069	16.055	16.094	VV	33	632	0.22%	0.116%
173	16.194	16.094	16.271	VV	272	13389	4.72%	2.455%
174	16.288	16.271	16.323	VV	38	987	0.35%	0.181%
175	16.342	16.323	16.361	VV	49	636	0.22%	0.117%
176	16.415	16.361	16.528	VV	35	2270	0.80%	0.416%
177	16.571	16.528	16.589	VV	30	732	0.26%	0.134%
178	16.608	16.589	16.650	VV	49	1024	0.36%	0.188%
179	16.672	16.650	16.700	VV	19	331	0.12%	0.061%
180	16.758	16.700	16.775	PV	34	493	0.17%	0.090%

Sum of corrected areas: 545329

FB042325.M Wed May 14 09:05:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031705.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 9:24
Operator : YP/AJ
Sample : VBF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0513S1

Integration File: Calibration.e
Quant Time: May 14 07:19:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.793	501449	21.866 ng/ml
Target Compounds				

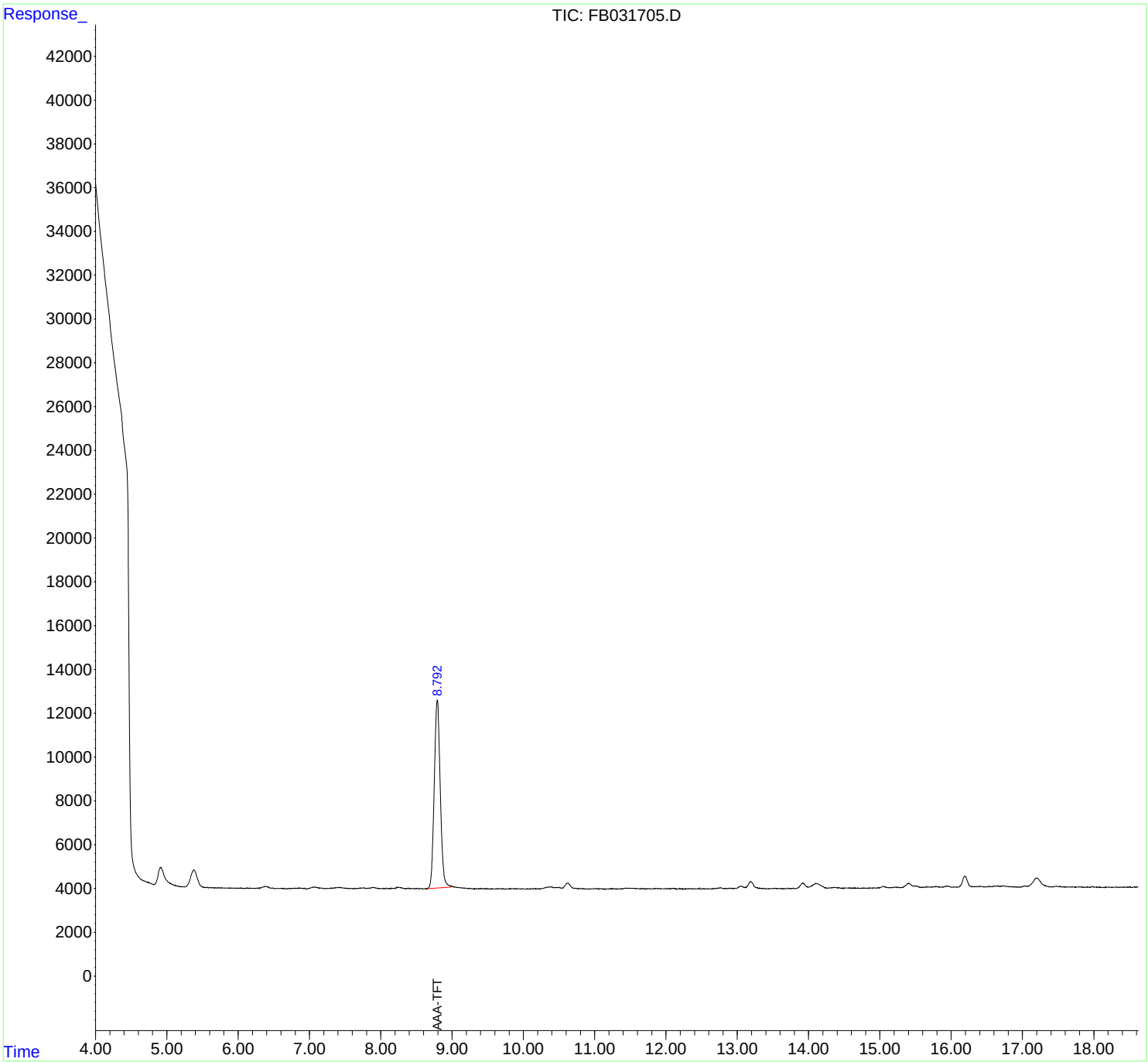
(f)=RT Delta > 1/2 Window (m)=manual int.

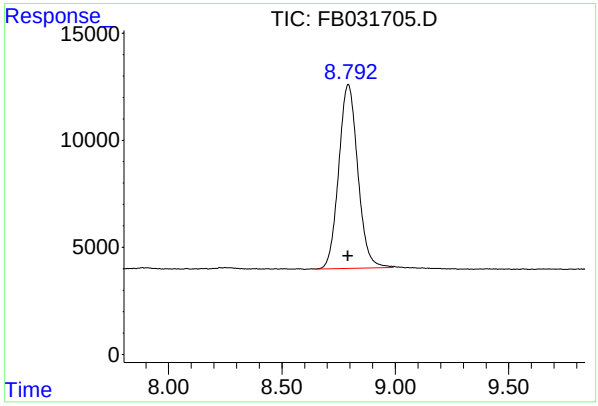
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031705.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 9:24
Operator : YP/AJ
Sample : VBF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0513S1

Integration File: Calibration.e
Quant Time: May 14 07:19:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.:	8.793 min
Delta R.T.:	0.001 mir
Response:	501449
Conc:	21.87 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0513S1

A B C D E F G H I

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031705.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 9:24
Sample : VBF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.793	8.650	8.990	PV	8593	501449	100.00%	100.000%
			Sum of corrected areas:			501449		

FB042325.M Wed May 14 08:55:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031737.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:04
Operator : YP/AJ
Sample : VBF0514S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0514S2

Integration File: Calibration.e
Quant Time: May 15 04:27:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.795	476478	20.777 ng/ml
Target Compounds				

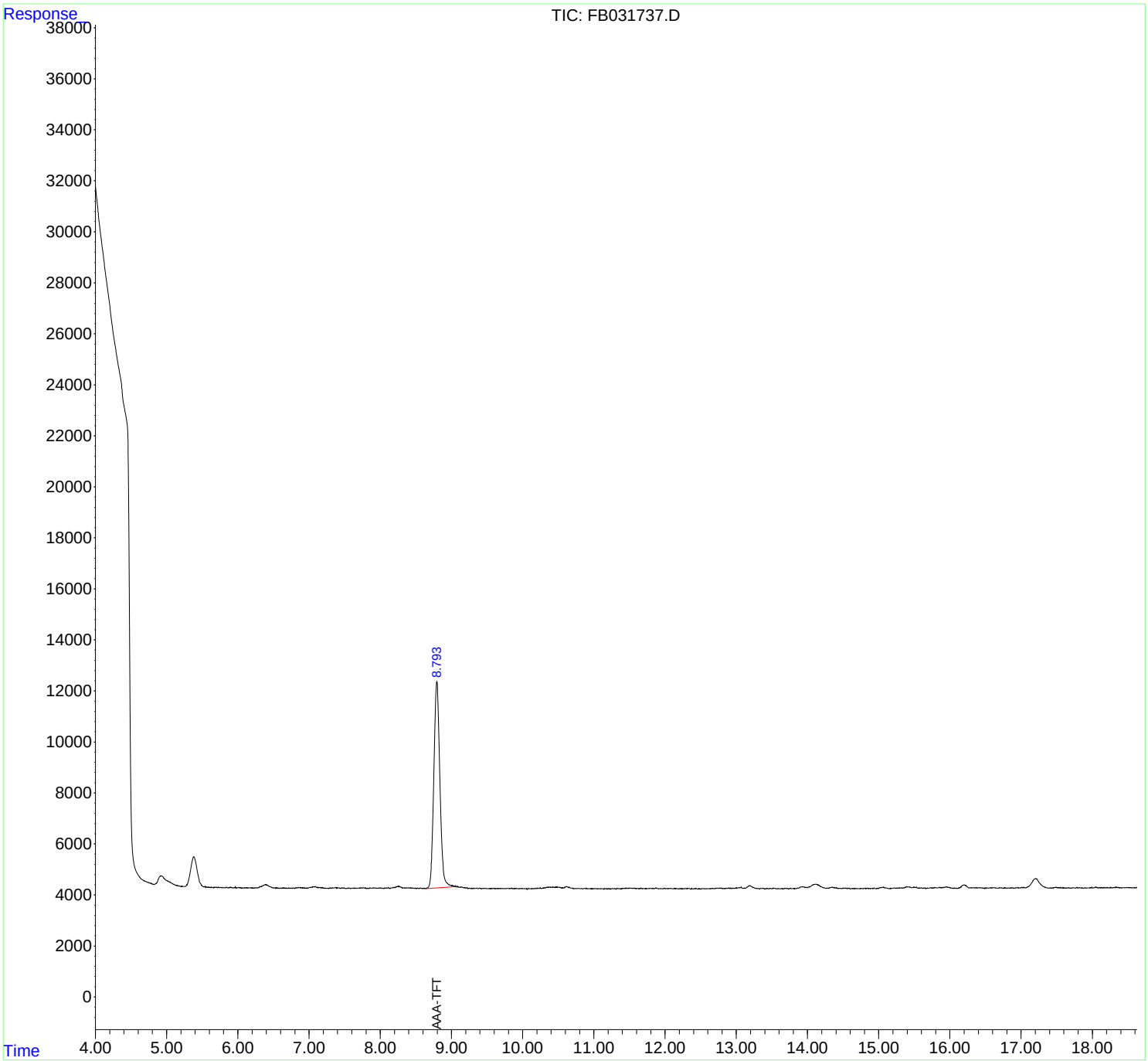
(f)=RT Delta > 1/2 Window (m)=manual int.

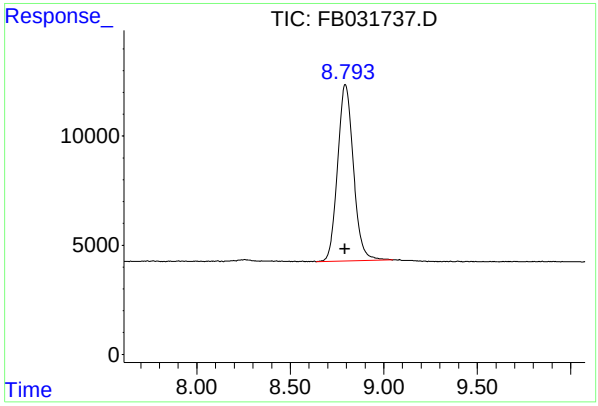
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031737.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:04
Operator : YP/AJ
Sample : VBF0514S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0514S2

Integration File: Calibration.e
Quant Time: May 15 04:27:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.795 min
Delta R.T.: 0.003 mi
Response: 476478
Conc: 20.78 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0514S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031737.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:04
Sample : VBF0514S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.795	8.637	9.049	PV	8088	476478	100.00%	100.000%
			Sum of corrected areas:			476478		

FB042325.M Thu May 15 04:48:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031707.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 10:19
Operator : YP/AJ
Sample : BSF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0513S1

Integration File: Calibration.e
Quant Time: May 14 07:20:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.792	384051	16.747	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.723	1089829	49.044	ng/ml
2) t	2,2,4-Trimethylpentane	7.422	1315988	38.526	ng/ml
3) t	n-Heptane	7.754	406623	13.220	ng/ml
4) t	Benzene	7.894	492316	12.039	ng/ml
6) t	Toluene	10.620	1407176	35.319	ng/ml
7) t	Ethylbenzene	13.056	414691	11.605	ng/ml
8) t	m-Xylene	13.190	913766	23.387	ng/ml
9) t	O-Xylene	13.918	861810	23.391	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	618292	22.921	ng/ml

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

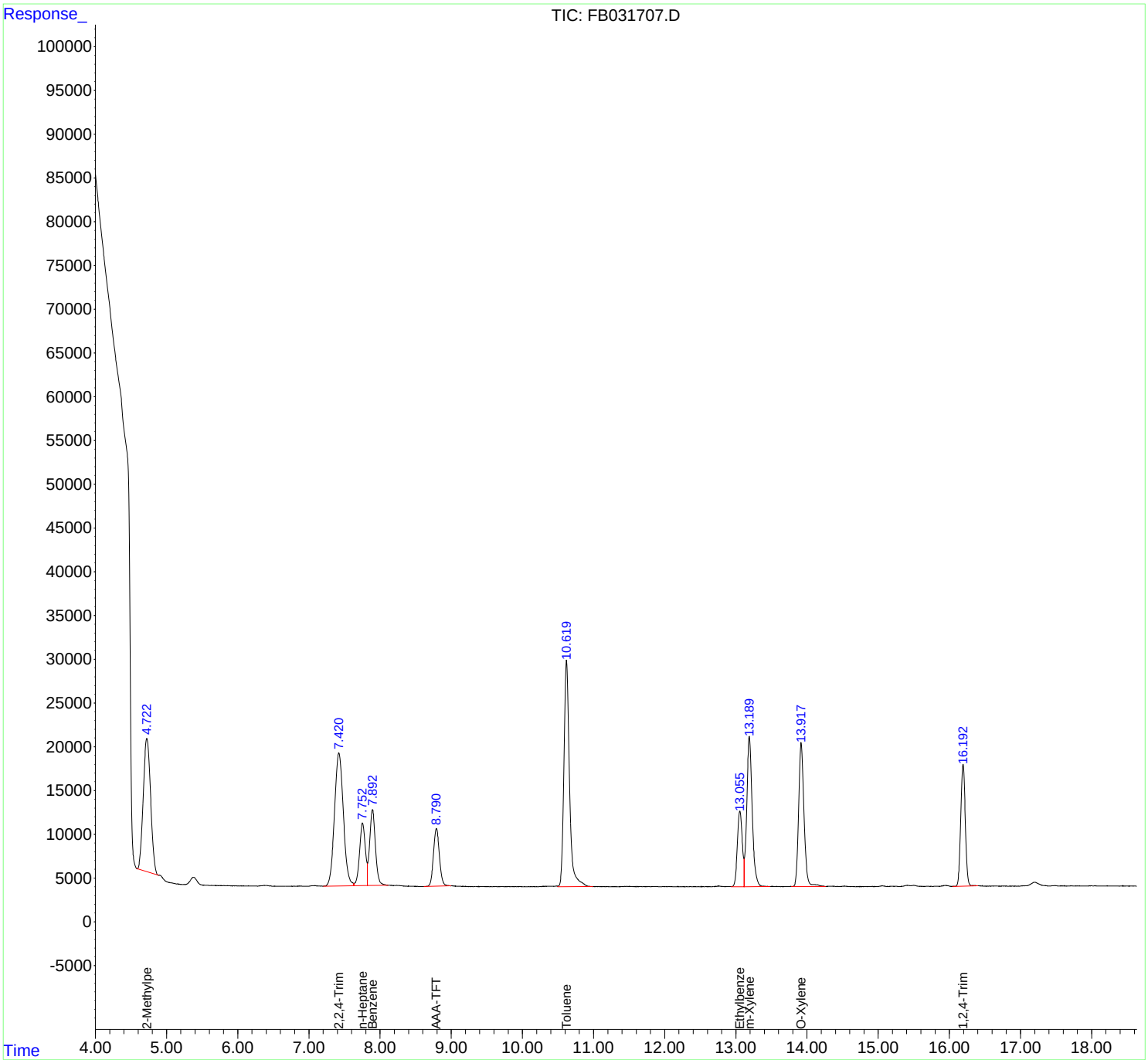
Sample Results: **FB031707.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031707.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 10:19
Operator : YP/AJ
Sample : BSF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0513S1

Integration File: Calibration.e
Quant Time: May 14 07:20:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031707.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 10:19
Sample : BSF0513S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.723	4.576	4.893	BV	15213	1089829	77.45%	13.787%
2	7.422	7.199	7.632	PV	15218	1315988	93.52%	16.648%
3	7.754	7.632	7.823	VV	7158	406623	28.90%	5.144%
4	7.894	7.823	8.117	VV	8683	492316	34.99%	6.228%
5	8.792	8.615	8.999	BV	6604	384051	27.29%	4.859%
6	10.620	10.497	10.995	VV	25923	1407176	100.00%	17.802%
7	13.056	12.933	13.117	VV	8633	414691	29.47%	5.246%
8	13.190	13.117	13.480	VV	17153	913766	64.94%	11.560%
9	13.918	13.778	14.262	BV	16426	861810	61.24%	10.903%
10	16.193	16.041	16.403	PBA	13921	618292	43.94%	7.822%

Sum of corrected areas: 7904542

FB042325.M Wed May 14 08:55:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031738.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:31
Operator : YP/AJ
Sample : BSF0514S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0514S1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Integration File: Calibration.e
Quant Time: May 15 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.795	545384	23.782	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.726	917282	41.279	ng/mlm
2) t	2,2,4-Trimethylpentane	7.428	1072976	31.412	ng/ml
3) t	n-Heptane	7.757	350797	11.405	ng/ml
4) t	Benzene	7.897	410257	10.033	ng/ml
6) t	Toluene	10.624	1163472	29.202	ng/ml
7) t	Ethylbenzene	13.061	335433	9.387	ng/ml
8) t	m-Xylene	13.194	744833	19.063	ng/ml
9) t	O-Xylene	13.922	690451	18.740	ng/ml
10) t	1,2,4-Trimethylbenzene	16.196	468364	17.363	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051425\
Data File : FB031738.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:31
Operator : YP/AJ
Sample : BSF0514S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

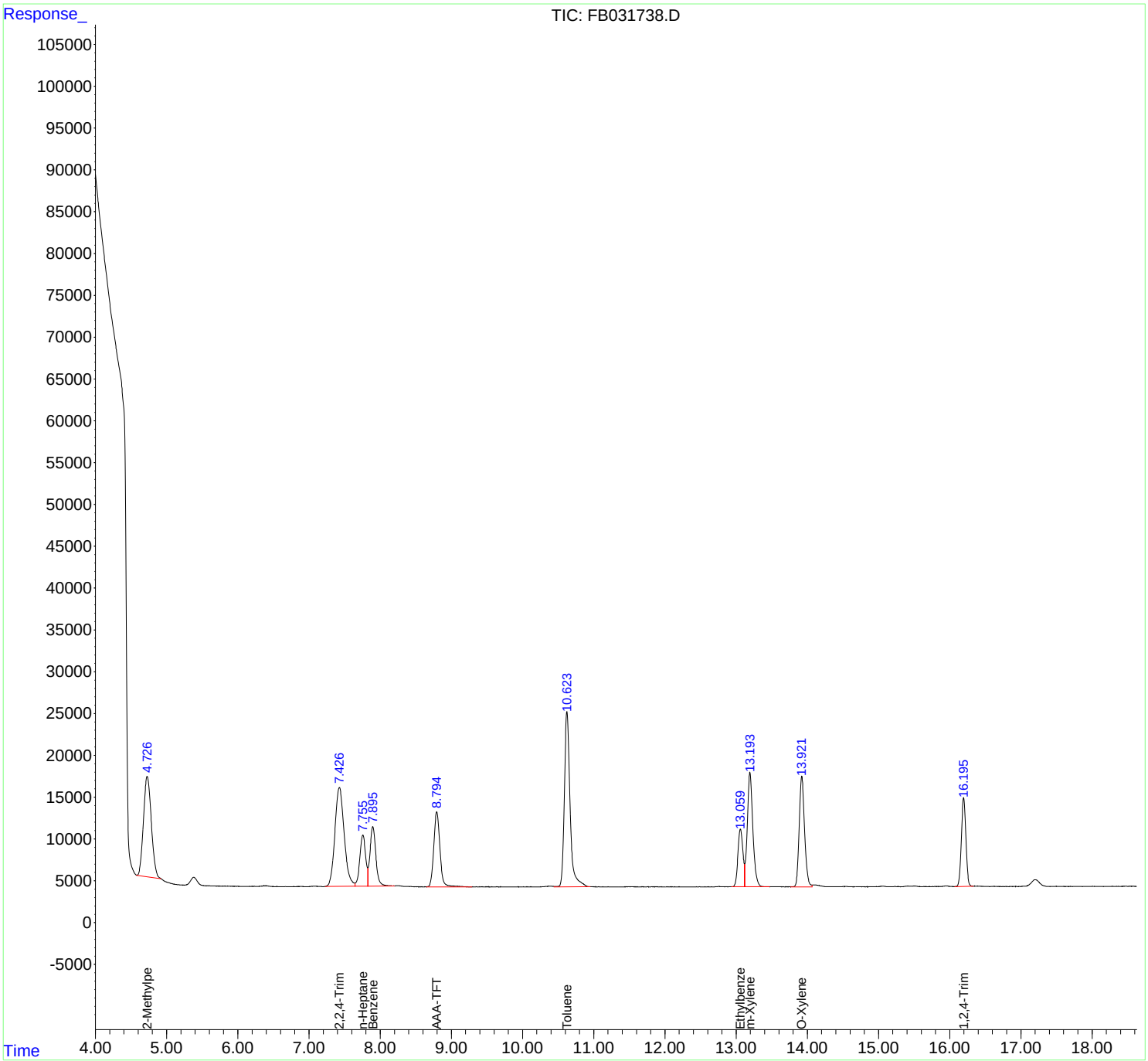
Integration File: Calibration.e
Quant Time: May 15 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_B
ClientSampleId :
BSF0514S1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



Instrument :
FID_B
ClientSampleId :
BSF0514S1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB0514
Data File : FB031738.D
Signal(s) : FID2B.CH
Acq On : 14 May 2025 11:31
Sample : BSF0514S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.728	4.571	5.208	BV	12078	931785	80.09%	13.879%
2	7.428	7.226	7.646	PV	11830	1072976	92.22%	15.982%
3	7.757	7.646	7.827	VV	6119	350797	30.15%	5.225%
4	7.897	7.827	8.200	VV	7107	410257	35.26%	6.111%
5	8.795	8.645	9.291	PV	8989	545384	46.88%	8.123%
6	10.624	10.441	10.952	VV	20958	1163472	100.00%	17.330%
7	13.061	12.931	13.121	PV	6913	335433	28.83%	4.996%
8	13.194	13.121	13.472	VV	13696	744833	64.02%	11.094%
9	13.922	13.767	14.067	BV	13237	690451	59.34%	10.284%
10	16.196	16.066	16.333	PV	10616	468364	40.26%	6.976%

Sum of corrected areas: 6713752

FB042325.M Thu May 15 04:48:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031714.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 13:54
Operator : YP/AJ
Sample : BSF0513S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0513S2

Integration File: Calibration.e
Quant Time: May 14 07:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.794	481603	21.001 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.725	1185331	53.342 ng/ml
2) t	2,2,4-Trimethylpentane	7.425	1297170	37.975 ng/ml
3) t	n-Heptane	7.756	436833	14.202 ng/ml
4) t	Benzene	7.895	504223	12.331 ng/ml
6) t	Toluene	10.623	1419495	35.628 ng/ml
7) t	Ethylbenzene	13.059	408273	11.425 ng/ml
8) t	m-Xylene	13.192	900568	23.049 ng/ml
9) t	O-Xylene	13.920	838626	22.762 ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	592775	21.975 ng/ml

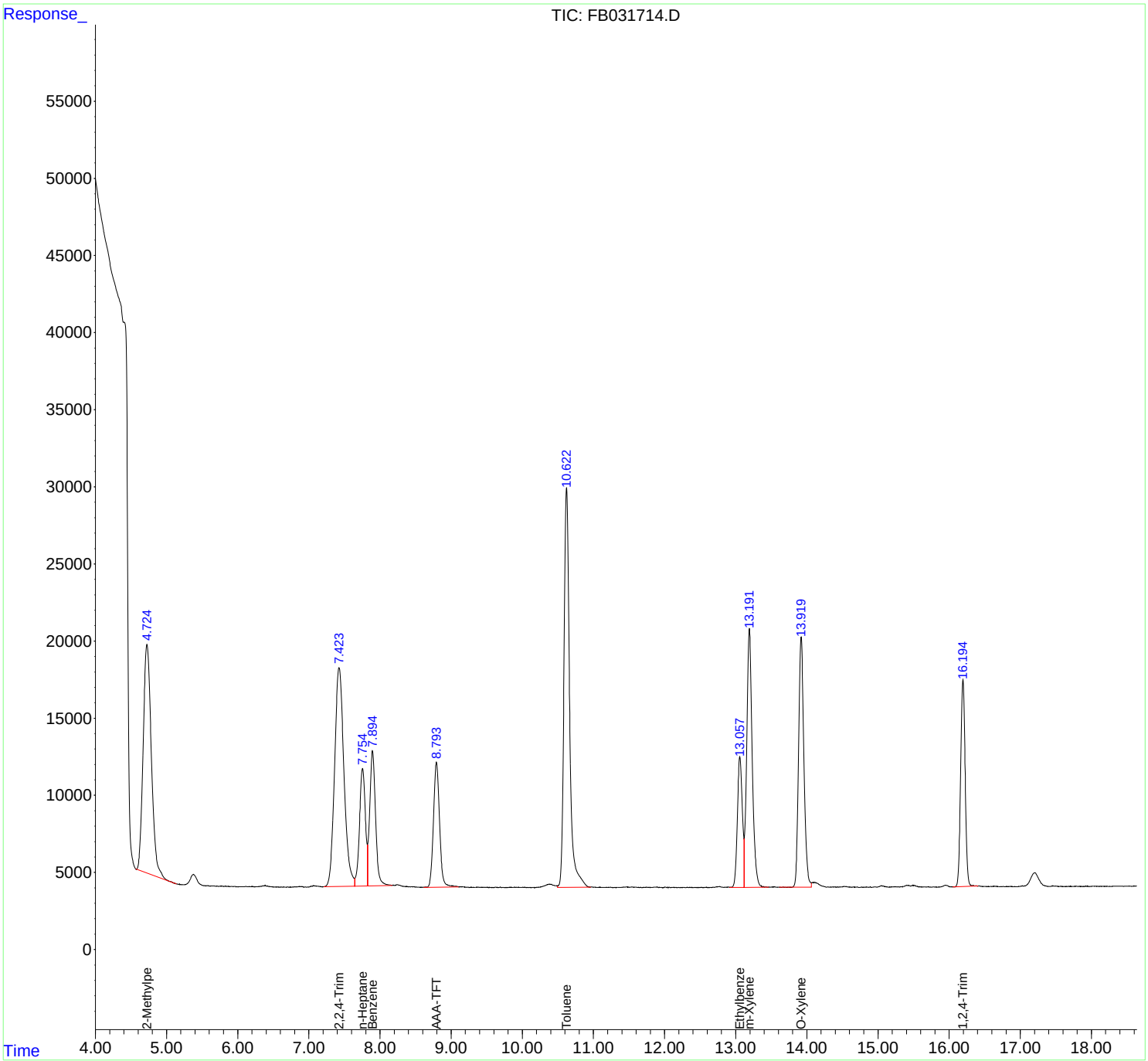
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031714.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 13:54
Operator : YP/AJ
Sample : BSF0513S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0513S2

Integration File: Calibration.e
Quant Time: May 14 07:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
Quant Title :
QLast Update : Wed Apr 23 13:48:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB051325\
Data File : FB031714.D
Signal(s) : FID2B.CH
Acq On : 13 May 2025 13:54
Sample : BSF0513S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.725	4.565	5.139	BV	14820	1185331	83.50%	14.697%
2	7.425	7.206	7.647	BV	14184	1297170	91.38%	16.084%
3	7.756	7.647	7.825	VV	7621	436833	30.77%	5.416%
4	7.895	7.825	8.172	VV	8754	504223	35.52%	6.252%
5	8.794	8.610	9.105	PV	8104	481603	33.93%	5.972%
6	10.623	10.494	10.964	VV	25922	1419495	100.00%	17.601%
7	13.059	12.911	13.119	VV	8475	408273	28.76%	5.062%
8	13.192	13.119	13.466	VB	16775	900568	63.44%	11.167%
9	13.920	13.611	14.065	BV	16229	838626	59.08%	10.398%
10	16.195	16.049	16.403	PBA	13408	592775	41.76%	7.350%

Sum of corrected areas: 8064897

FB042325.M Wed May 14 08:57:43 2025

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Manual Integration Report

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

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Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
20 PPB GRO STD		FB031704.D	FB051325	2-Methylpentane	mohammad	5/15/2025 3:42:45 AM	Peak Integrated by Software incorrectly
Q1982-04		FB031710.D	FB051325	AAA-TFT	mohammad	5/15/2025 3:42:45 AM	Peak Integrated by Software incorrectly
Q1982-02		FB031722.D	FB051325	AAA-TFT	mohammad	5/15/2025 3:42:45 AM	Peak Integrated by Software incorrectly

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
BSF0514S1		FB031738.D	FB051425	2-Methylpentane	mohammad	5/19/2025 2:35:24 AM	Peak Integrated by Software incorrectly
BSF0514W2		FB031746.D	FB051425	2-Methylpentane	mohammad	5/19/2025 2:35:24 AM	Peak Integrated by Software incorrectly

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB042325

Review By	yogesh	Review On	4/23/2025 1:56:12 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:19:22 AM		
SubDirectory	FB042325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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 # FB051325

Review By	yogesh	Review On	5/13/2025 11:36:14 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:42:45 AM		
SubDirectory	FB051325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24567,PP24568,PP24569,PP24570
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031704.D	13 May 2025 8:44	YP/AJ	Ok,M
2	VBF0513S1	FB031705.D	13 May 2025 9:24	YP/AJ	Ok
3	VBF0513S2	FB031706.D	13 May 2025 9:51	YP/AJ	Ok
4	BSF0513S1	FB031707.D	13 May 2025 10:19	YP/AJ	Ok
5	Q1982-02	FB031708.D	13 May 2025 10:45	YP/AJ	Not Ok
6	Q1982-03	FB031709.D	13 May 2025 11:26	YP/AJ	Not Ok
7	Q1982-04	FB031710.D	13 May 2025 11:54	YP/AJ	Ok,M
8	Q1982-05	FB031711.D	13 May 2025 12:21	YP/AJ	Ok
9	Q1982-06	FB031712.D	13 May 2025 12:59	YP/AJ	Not Ok
10	Q1982-07	FB031713.D	13 May 2025 13:27	YP/AJ	Not Ok
11	BSF0513S2	FB031714.D	13 May 2025 13:54	YP/AJ	Ok
12	20 PPB GRO STD	FB031715.D	13 May 2025 14:22	YP/AJ	Ok
13	Q1982-08	FB031716.D	13 May 2025 15:53	YP/AJ	Ok
14	Q2010-01	FB031717.D	13 May 2025 16:21	YP/AJ	Ok
15	Q2010-02	FB031718.D	13 May 2025 16:49	YP/AJ	Not Ok
16	Q2010-03	FB031719.D	13 May 2025 17:17	YP/AJ	Not Ok
17	Q2010-04	FB031720.D	13 May 2025 17:44	YP/AJ	Ok
18	Q1982-01	FB031721.D	13 May 2025 18:12	YP/AJ	Ok
19	Q1982-02	FB031722.D	13 May 2025 18:40	YP/AJ	Ok,M
20	Q1982-03	FB031723.D	13 May 2025 19:07	YP/AJ	Ok
21	Q1982-06	FB031724.D	13 May 2025 19:35	YP/AJ	Ok

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB051325

Review By	yogesh	Review On	5/13/2025 11:36:14 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:42:45 AM		
SubDirectory	FB051325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24567,PP24568,PP24569,PP24570
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	BSF0513S3	FB031725.D	13 May 2025 20:02	YP/AJ	Ok
23	20 PPB GRO STD	FB031726.D	13 May 2025 20:30	YP/AJ	Ok
24	Q1982-07	FB031727.D	13 May 2025 21:51	YP/AJ	Not Ok
25	Q1982-08	FB031728.D	13 May 2025 22:19	YP/AJ	Not Ok
26	Q2010-01	FB031729.D	13 May 2025 22:46	YP/AJ	Not Ok
27	Q2010-02	FB031730.D	13 May 2025 23:13	YP/AJ	Not Ok
28	Q2010-03	FB031731.D	13 May 2025 23:40	YP/AJ	Ok
29	Q2010-04	FB031732.D	14 May 2025 00:08	YP/AJ	Not Ok
30	BSF0513S4	FB031733.D	14 May 2025 00:35	YP/AJ	Ok
31	20 PPB GRO STD	FB031734.D	14 May 2025 2:24	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 # FB051425

Review By	yogesh	Review On	5/14/2025 11:41:14 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:35:24 AM		
SubDirectory	FB051425	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24571,PP24572,PP24574
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031735.D	14 May 2025 9:26	YP/AJ	Ok
2	VBF0514S1	FB031736.D	14 May 2025 10:36	YP/AJ	Ok
3	VBF0514S2	FB031737.D	14 May 2025 11:04	YP/AJ	Ok
4	BSF0514S1	FB031738.D	14 May 2025 11:31	YP/AJ	Ok,M
5	Q1982-07	FB031739.D	14 May 2025 11:58	YP/AJ	Ok
6	Q2010-02	FB031740.D	14 May 2025 12:26	YP/AJ	Ok
7	BSF0514S2	FB031741.D	14 May 2025 12:53	YP/AJ	Ok
8	20 PPB GRO STD	FB031742.D	14 May 2025 13:20	YP/AJ	Ok
9	VBF0514W1	FB031743.D	14 May 2025 14:13	YP/AJ	Ok
10	BSF0514W1	FB031744.D	14 May 2025 14:40	YP/AJ	Ok
11	Q2032-11	FB031745.D	14 May 2025 15:07	YP/AJ	Ok
12	BSF0514W2	FB031746.D	14 May 2025 15:35	YP/AJ	Ok,M
13	20 PPB GRO STD	FB031747.D	14 May 2025 16:02	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 # FB042325

Review By	yogesh	Review On	4/23/2025 1:56:12 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:19:22 AM		
SubDirectory	FB042325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB051325

Review By	yogesh	Review On	5/13/2025 11:36:14 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:42:45 AM		
SubDirectory	FB051325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24567,PP24568,PP24569,PP24570
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031704.D	13 May 2025 8:44		YP/AJ	Ok,M
2	VBF0513S1		FB031705.D	13 May 2025 9:24		YP/AJ	Ok
3	VBF0513S2		FB031706.D	13 May 2025 9:51		YP/AJ	Ok
4	BSF0513S1		FB031707.D	13 May 2025 10:19		YP/AJ	Ok
5	Q1982-02		FB031708.D	13 May 2025 10:45	Vial-A, Not Purged	YP/AJ	Not Ok
6	Q1982-03		FB031709.D	13 May 2025 11:26	Vial-A, Not Purged	YP/AJ	Not Ok
7	Q1982-04		FB031710.D	13 May 2025 11:54	Vial-A	YP/AJ	Ok,M
8	Q1982-05		FB031711.D	13 May 2025 12:21	Vial-A	YP/AJ	Ok
9	Q1982-06		FB031712.D	13 May 2025 12:59	Vial-A, Not Purged	YP/AJ	Not Ok
10	Q1982-07		FB031713.D	13 May 2025 13:27	Vial-A, Not Purged	YP/AJ	Not Ok
11	BSF0513S2		FB031714.D	13 May 2025 13:54		YP/AJ	Ok
12	20 PPB GRO STD		FB031715.D	13 May 2025 14:22		YP/AJ	Ok
13	Q1982-08		FB031716.D	13 May 2025 15:53	Vial-A	YP/AJ	Ok
14	Q2010-01		FB031717.D	13 May 2025 16:21	Vial-A	YP/AJ	Ok
15	Q2010-02		FB031718.D	13 May 2025 16:49	Vial-A, Not Purged	YP/AJ	Not Ok
16	Q2010-03		FB031719.D	13 May 2025 17:17	Vial-A, Not Purged	YP/AJ	Not Ok
17	Q2010-04		FB031720.D	13 May 2025 17:44	Vial-A	YP/AJ	Ok
18	Q1982-01		FB031721.D	13 May 2025 18:12	Vial-B, Surr Fail	YP/AJ	Ok

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB051325

Review By	yogesh	Review On	5/13/2025 11:36:14 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:42:45 AM		
SubDirectory	FB051325	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24567,PP24568,PP24569,PP24570
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1982-02		FB031722.D	13 May 2025 18:40	Vial-B,Surrogate failed	YP/AJ	Ok,M
20	Q1982-03		FB031723.D	13 May 2025 19:07	Vial-B	YP/AJ	Ok
21	Q1982-06		FB031724.D	13 May 2025 19:35	Vial-B	YP/AJ	Ok
22	BSF0513S3		FB031725.D	13 May 2025 20:02		YP/AJ	Ok
23	20 PPB GRO STD		FB031726.D	13 May 2025 20:30		YP/AJ	Ok
24	Q1982-07		FB031727.D	13 May 2025 21:51	Vial-B, Not Purged	YP/AJ	Not Ok
25	Q1982-08		FB031728.D	13 May 2025 22:19	Not required	YP/AJ	Not Ok
26	Q2010-01		FB031729.D	13 May 2025 22:46	Not required	YP/AJ	Not Ok
27	Q2010-02		FB031730.D	13 May 2025 23:13	Vial-B, Not Purged	YP/AJ	Not Ok
28	Q2010-03		FB031731.D	13 May 2025 23:40	Vial-B	YP/AJ	Ok
29	Q2010-04		FB031732.D	14 May 2025 00:08	Not required	YP/AJ	Not Ok
30	BSF0513S4		FB031733.D	14 May 2025 00:35		YP/AJ	Ok
31	20 PPB GRO STD		FB031734.D	14 May 2025 2:24		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 # FB051425

Review By	yogesh	Review On	5/14/2025 11:41:14 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:35:24 AM		
SubDirectory	FB051425	HP Acquire Method		HP Processing Method	FB042325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24485,PP24486,PP24487,PP24488,PP24489
CCC	PP24571,PP24572,PP24574
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24490
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031735.D	14 May 2025 9:26		YP/AJ	Ok
2	VBF0514S1		FB031736.D	14 May 2025 10:36		YP/AJ	Ok
3	VBF0514S2		FB031737.D	14 May 2025 11:04		YP/AJ	Ok
4	BSF0514S1		FB031738.D	14 May 2025 11:31		YP/AJ	Ok,M
5	Q1982-07		FB031739.D	14 May 2025 11:58	Vial-C	YP/AJ	Ok
6	Q2010-02		FB031740.D	14 May 2025 12:26	Vial-C	YP/AJ	Ok
7	BSF0514S2		FB031741.D	14 May 2025 12:53		YP/AJ	Ok
8	20 PPB GRO STD		FB031742.D	14 May 2025 13:20		YP/AJ	Ok
9	VBF0514W1		FB031743.D	14 May 2025 14:13		YP/AJ	Ok
10	BSF0514W1		FB031744.D	14 May 2025 14:40		YP/AJ	Ok
11	Q2032-11		FB031745.D	14 May 2025 15:07	Vial-A	YP/AJ	Ok
12	BSF0514W2		FB031746.D	14 May 2025 15:35		YP/AJ	Ok,M
13	20 PPB GRO STD		FB031747.D	14 May 2025 16:02		YP/AJ	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1982	**OrderDate:**	5/7/2025 3:20:42 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1982-01	**TP-1**	**SOIL**			**05/06/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-02	**TP-2B**	**SOIL**			**05/06/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-03	**TP-3**	**SOIL**			**05/06/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-04	**TP-4**	**SOIL**			**05/07/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-05	**TP-5**	**SOIL**			**05/07/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-06	**TP-6**	**SOIL**			**05/07/25**			**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-07	**TP-8**	**SOIL**			**05/07/25**			**05/07/25**

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LAB CHRONICLE

			Diesel Range Organics	8015D		05/13/25	05/13/25
			Gasoline Range Organics	8015D			05/14/25
			PCB	8082A		05/13/25	05/13/25
Q1982-08	**TP-9**	**SOIL**			**05/07/25**		**05/07/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25
			Gasoline Range Organics	8015D			05/13/25
			PCB	8082A		05/13/25	05/13/25