

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

LAB CHRONICLE

OrderID:	Q3790	OrderDate:	12/5/2025 10:01:00 AM
Client:	Tully Construction Co., Inc.	Project:	MTA 26 Stations - Pierrepont
Contact:	Dean Devoe	Location:	D31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3790-01	304 FURMAN SOIL	SOIL	PCB	8082A	12/05/25	12/08/25	12/08/25	12/05/25
			TPH GC	8015D		12/09/25	12/10/25	
Q3790-04	304 FURMAN SOIL-TPH-1	SOIL	TPH GC	8015D	12/05/25	12/09/25	12/10/25	12/05/25
Q3790-05	304 FURMAN SOIL-TPH-2	SOIL	TPH GC	8015D	12/05/25	12/09/25	12/10/25	12/05/25
Q3790-06	304 FURMAN SOIL-TPH-3	SOIL	TPH GC	8015D	12/05/25	12/09/25	12/10/25	12/05/25



QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: Tully Construction Co., Inc.

Lab Code: ACE

SDG No.: Q3790

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016884.D	96				0
PIBLK-FF016892.D	92				0
PIBLK-FG017150.D	80				0
PIBLK-FG017156.D	78				0
PB170872BL	92				0
PB170872BS	95				0
304 FURMAN SOIL	49				0
304 FURMAN SOIL-TPH-1	79				0
304 FURMAN SOIL-TPH-1MS	59				0
304 FURMAN SOIL-TPH-1MSD	57				0
304 FURMAN SOIL-TPH-2	53				0
304 FURMAN SOIL-TPH-3	39				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Tully Construction Co., Inc.

Lab Code: ACE

SDG No: Q3790

Client Sample ID : 304 FURMAN SOIL-TPH-1MS

Datafile: FF016890.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	13007	19400	28193	68%		68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Tully Construction Co., Inc.

Lab Code: ACE

SDG No: Q3790

Client Sample ID : 304 FURMAN SOIL-TPH-1MSD

Datafile: FF016891.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	13011	19400	28764	72%		68-131

MS/MSD % Recovery RPD : 5.7

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: Tully Construction Co., Inc.

Lab Code: ACE

SDG No: Q3790

Client Sample ID : PB170872BS

Datafile: FF016888.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11322	0	9252	82	68-131

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170872BL

Lab Name: Alliance

Contract: TULL02

Lab Code: ACE

SDG NO.: Q3790

Lab File ID: FF016887.D

Lab Sample ID: PB170872BL

Instrument ID: FF

Date Extracted: 12/10/2025

Matrix: (soil/water) Soil

Date Analyzed: 12/10/25

Level: (low/med) low

Time Analyzed: 10:37

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170872BS	PB170872BS	FF016888.D	12/10/25
304 FURMAN SOIL-TPH-1	Q3790-04	FF016889.D	12/10/25
304 FURMAN SOIL-TPH-1MS	Q3790-04MS	FF016890.D	12/10/25
304 FURMAN SOIL-TPH-1MSD	Q3790-04MSD	FF016891.D	12/10/25
304 FURMAN SOIL	Q3790-01	FG017153.D	12/10/25
304 FURMAN SOIL-TPH-2	Q3790-05	FG017154.D	12/10/25
304 FURMAN SOIL-TPH-3	Q3790-06	FG017155.D	12/10/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL	SDG No.:	Q3790
Lab Sample ID:	Q3790-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	86.3
Sample Wt/Vol:	30.06 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:	12/09/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	13.6		1	0.44	3.28	mg/Kg	12/10/25 9:38	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	9.89			37 - 130	49%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017153.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 09:38
Operator : YP\AJ
Sample : Q3790-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.133	1029273	9.891 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017153.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 09:38
Operator : YP\AJ
Sample : Q3790-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

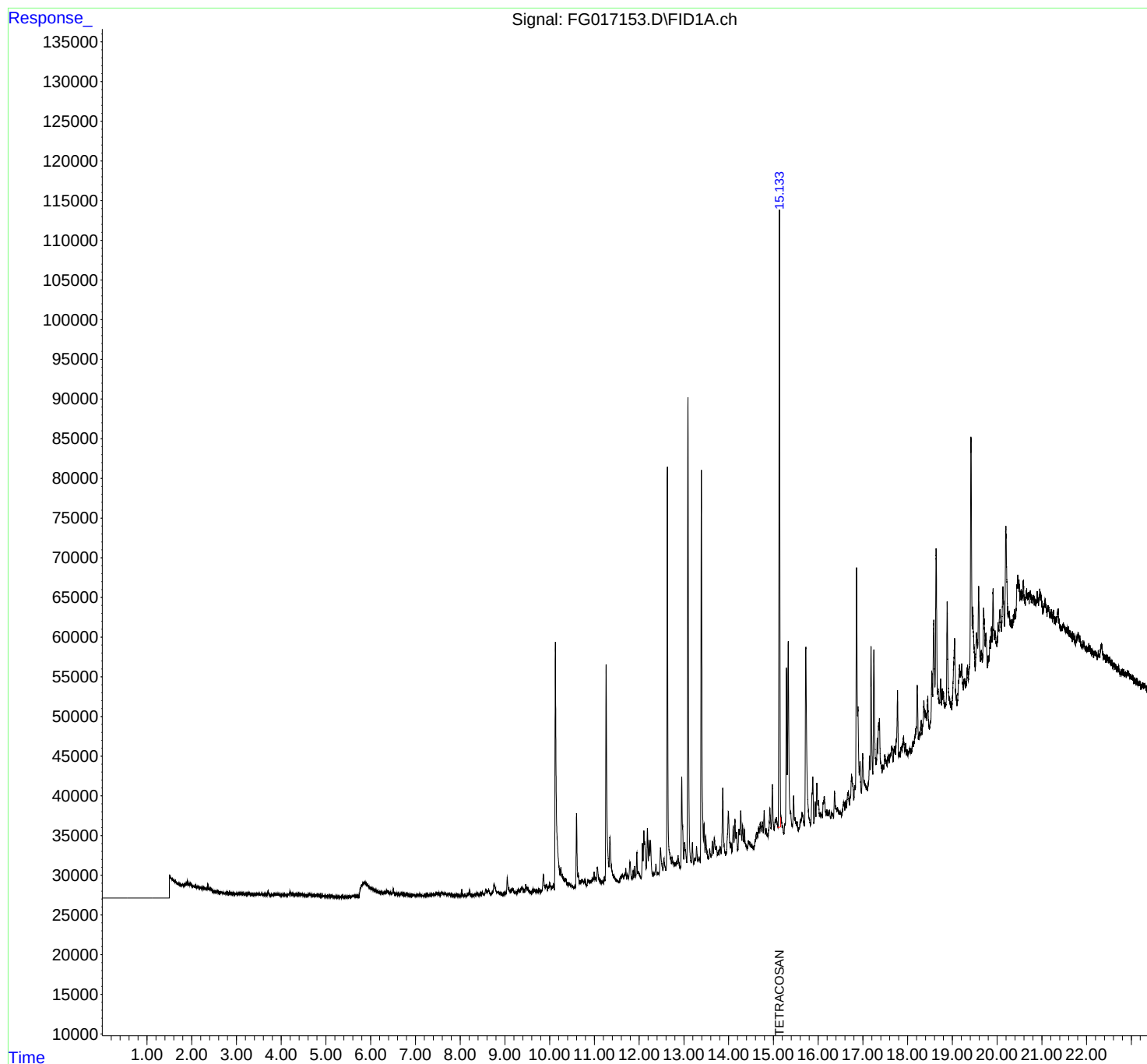
Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL

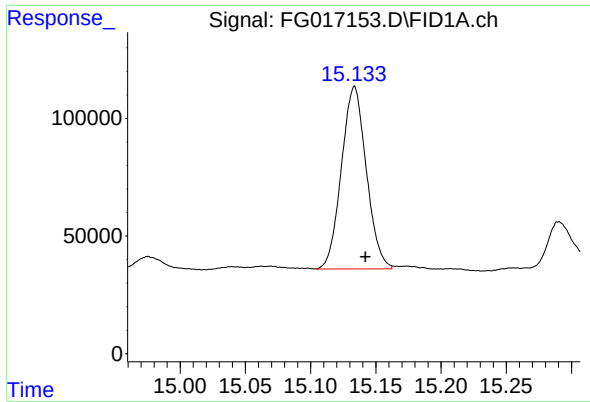
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.133 min
Delta R.T.: -0.008 min
Response: 1029273
Conc: 9.89 ug/ml

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL-TPH-1		SDG No.:	Q3790
Lab Sample ID:	Q3790-04		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	86.9
Sample Wt/Vol:	30.04 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date: 12/09/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	19.4		1	0.44	3.26	mg/Kg	12/10/25 11:37	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	15.8			37 - 130	79%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016889.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 11:37
Operator : YP\AJ
Sample : Q3790-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	1551376	15.745 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016889.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 11:37
Operator : YP\AJ
Sample : Q3790-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

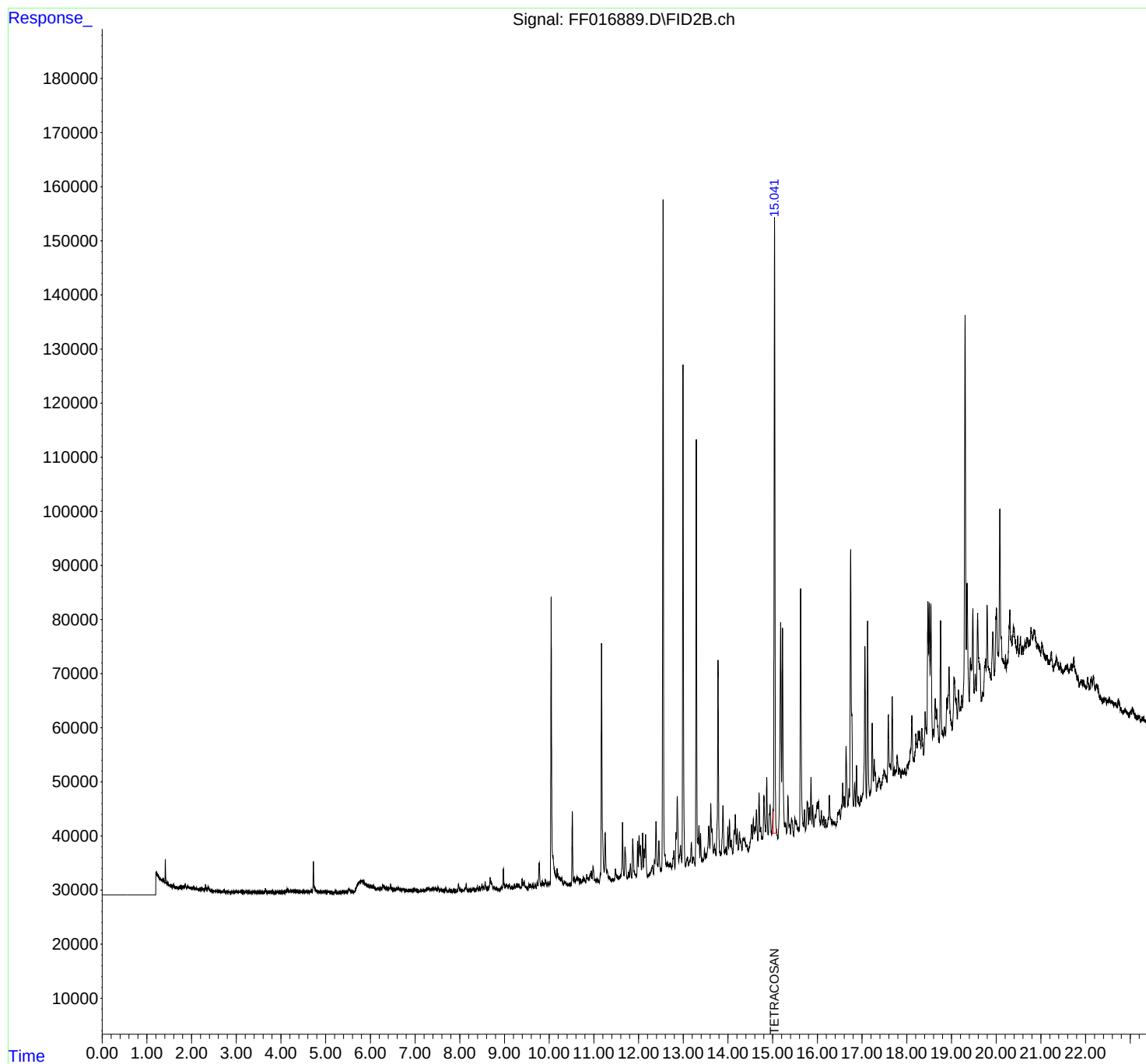
Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1

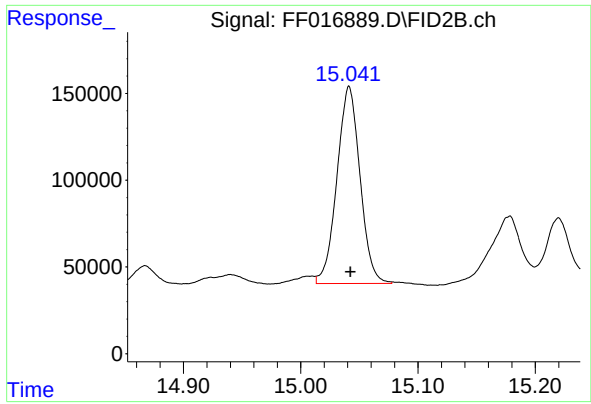
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.002 min
Response: 1551376
Conc: 15.75 ug/ml

Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL-TPH-2		SDG No.:	Q3790
Lab Sample ID:	Q3790-05		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	85.8
Sample Wt/Vol:	30.02 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date: 12/09/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	35.6		1	0.45	3.30	mg/Kg	12/10/25 10:07	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	10.7			37 - 130	53%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017154.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 10:07
Operator : YP\AJ
Sample : Q3790-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.134	1109946	10.666 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017154.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 10:07
Operator : YP\AJ
Sample : Q3790-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

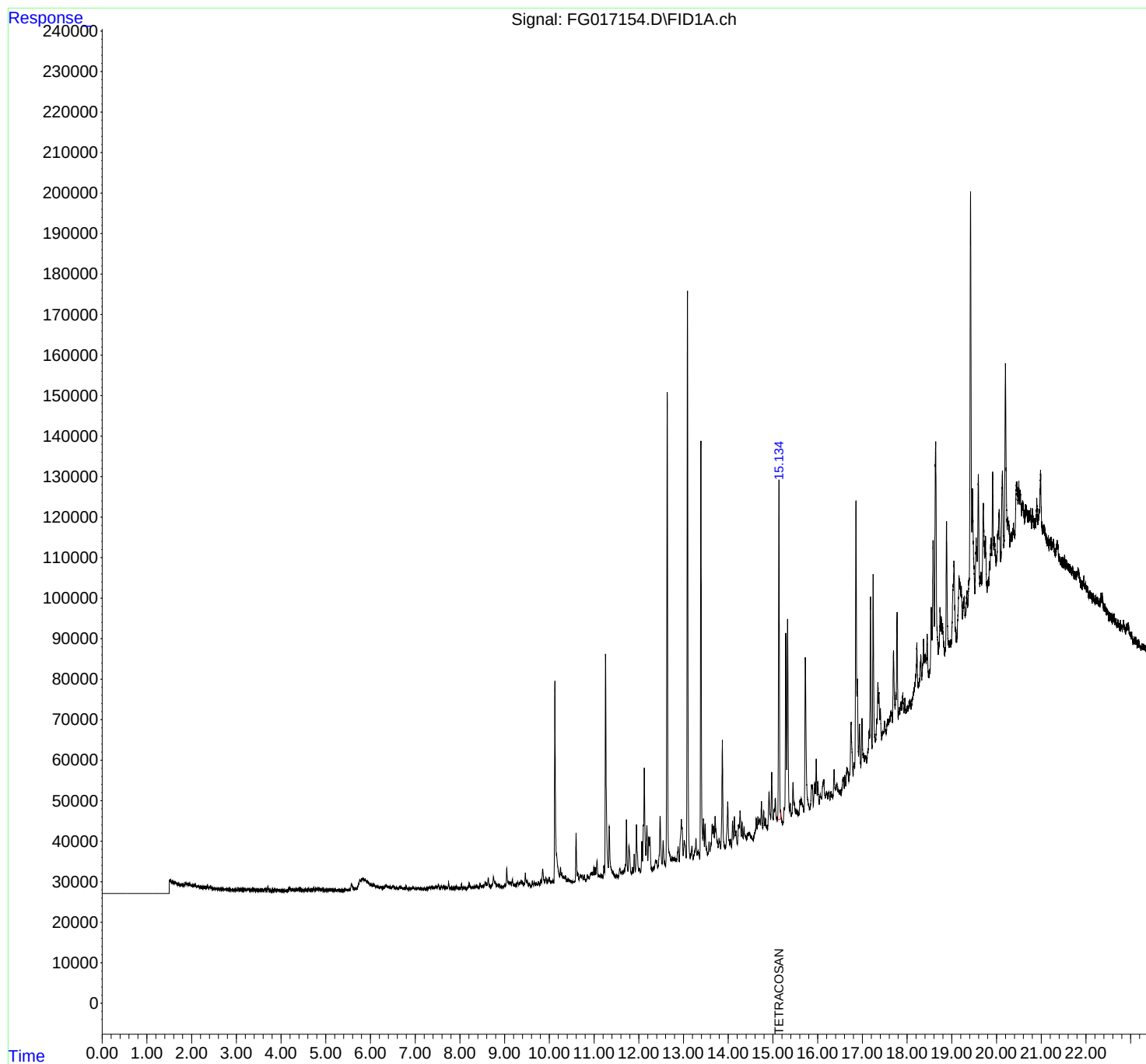
Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-2

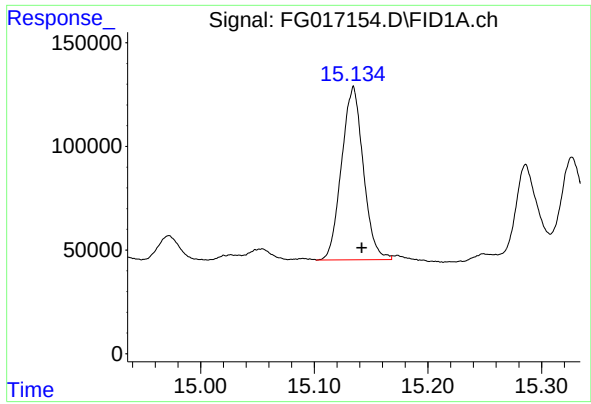
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 1109946
Conc: 10.67 ug/ml

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL-TPH-3	SDG No.:	Q3790
Lab Sample ID:	Q3790-06	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	85.3
Sample Wt/Vol:	30.05 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:	12/09/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	21.1		1	0.45	3.32	mg/Kg	12/10/25 10:37	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	7.81			37 - 130	39%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017155.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 10:37
Operator : YP\AJ
Sample : Q3790-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.134	812397	7.807 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017155.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 10:37
Operator : YP\AJ
Sample : Q3790-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

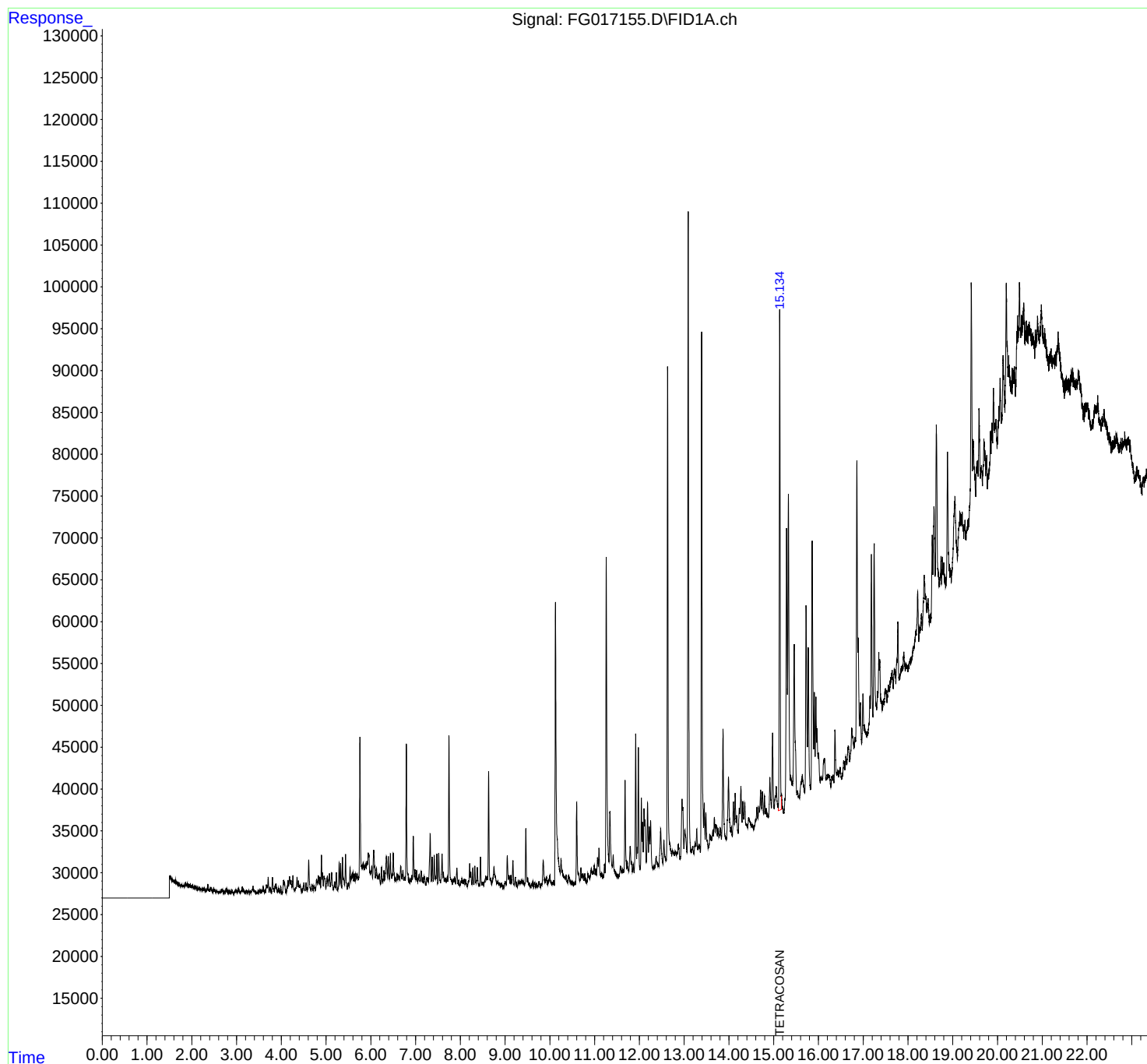
Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-3

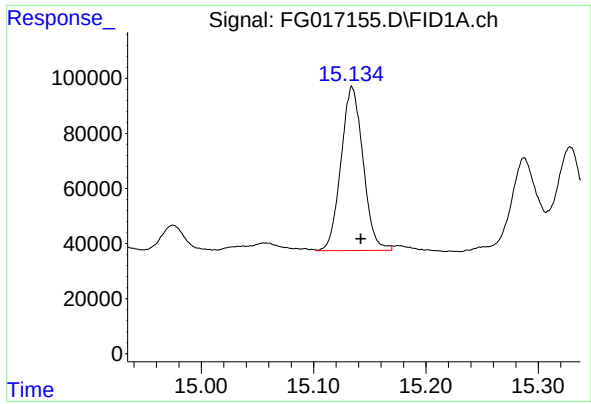
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:18:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 812397
Conc: 7.81 ug/ml

Instrument :
FID_G
ClientSampleId :
304 FURMAN SOIL-TPH-3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: TULL02

ProjectID: MTA 26 Stations - Pierrepont

Lab Code: ACE

SDG No.: Q3790

Calibration Sequence : FF120125		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	166514422	97950	FF016829.D
850	87492081	102932	FF016830.D
340	36632833	107744	FF016831.D
170	18022029	106012	FF016832.D
85	9222027	108494	FF016833.D
AVG RF : 104626		% RSD : 4.112	AVG RT : 15.0426

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: TULL02

ProjectID: MTA 26 Stations - Pierrepont

Lab Code: ACE

SDG No.: Q3790

Calibration Sequence : FG120125		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	215295675	126645	FG017031.D
850	89629765	105447	FG017032.D
340	36738120	108053	FG017033.D
170	17526372	103096	FG017034.D
85	8474580	99701	FG017035.D
AVG RF : 108588		% RSD : 9.717	AVG RT : 15.1388

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: TULL02
ProjectID: MTA 26 Stations - Pierrepont
Lab Code: ACE SDG No.: Q3790
DataFile: FF016885.D Analyst Name: YP\AJ Analyst Date: 12-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	89627674	105444	104626	0.782

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016885.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 09:38
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:47:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.044	5066169	51.418 ug/ml
Target Compounds			
1) N-OCTANE	2.028	5524468	46.977 ug/ml
2) N-DECANE	4.557	5631399	48.656 ug/ml
3) N-DODECANE	6.737	5674830	49.484 ug/ml
4) N-TETRADECANE	8.570	5702436	50.065 ug/ml
5) N-HEXADECANE	10.180	5711258	50.264 ug/ml
6) N-OCTADECANE	11.626	5845740	50.281 ug/ml
7) N-EICOSANE	12.940	5978117	50.710 ug/ml
8) N-DOCOSANE	14.141	5782051	51.122 ug/ml
10) N-TETRACOSANE	15.249	5733882	51.461 ug/ml
11) N-HEXACOSANE	16.274	5533923	51.991 ug/ml
12) N-OCTACOSANE	17.227	5503538	51.879 ug/ml
13) N-TRIACONTANE	18.118	5465396	51.135 ug/ml
14) N-DOTRIACONTANE	18.954	5283223	50.114 ug/ml
15) N-TETRATRIACONTANE	19.740	4846586	48.824 ug/ml
16) N-HEXATRIACONTANE	20.485	4247739	48.924 ug/ml
17) N-OCTATRIACONTANE	21.236	3796640	51.512 ug/ml
18) N-TETRACONTANE	22.177	3366448	56.287 ug/ml

(f)=RT Delta > 1/2 Window

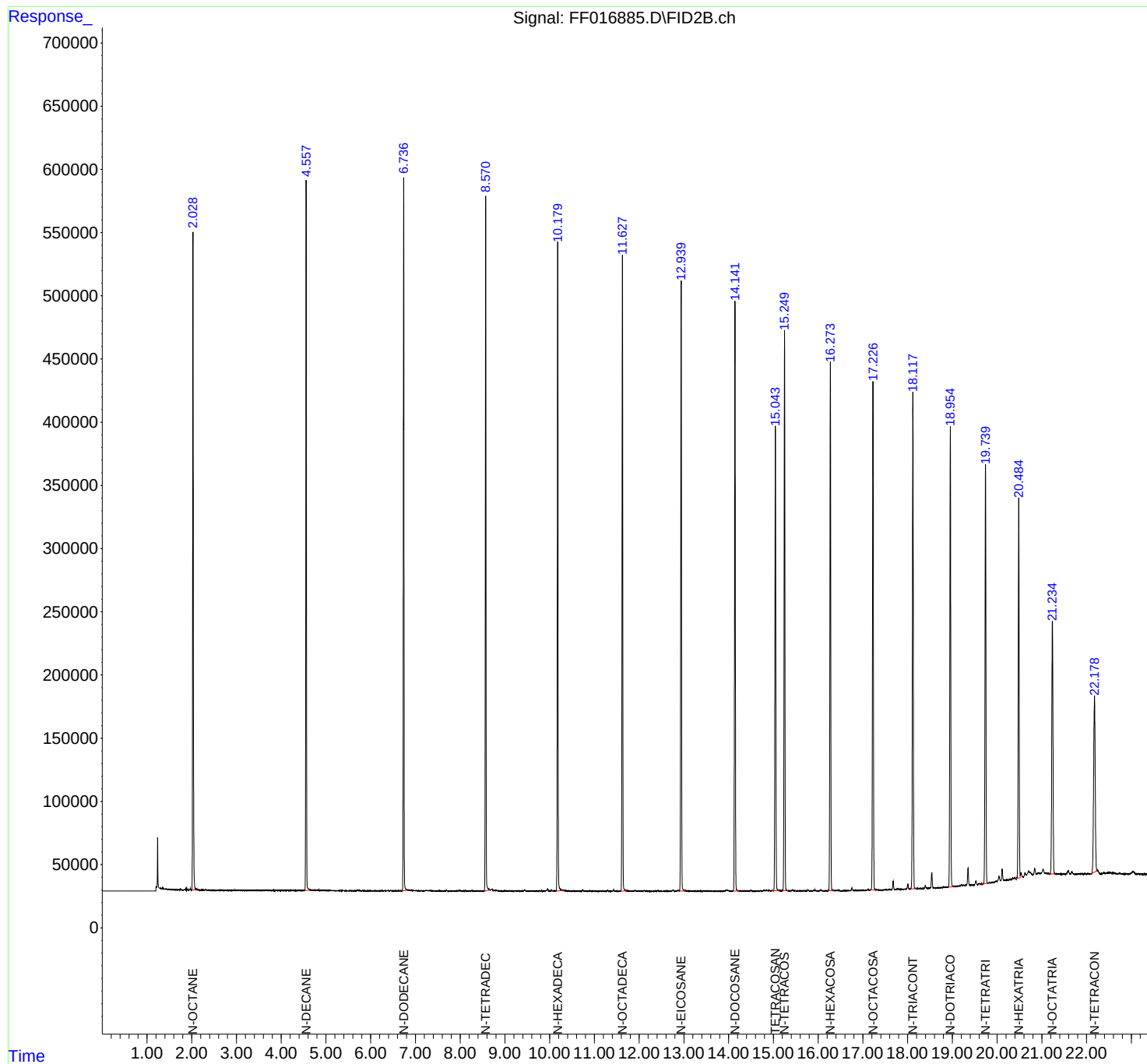
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016885.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 09:38
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Dec 11 00:47:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: TULL02
ProjectID: MTA 26 Stations - Pierrepont
Lab Code: ACE SDG No.: Q3790
DataFile: FF016893.D Analyst Name: YP\AJ Analyst Date: 12-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	86371881	101614	104626	2.879

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016893.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 13:35
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:50:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.045	4806128	48.779 ug/ml
Target Compounds			
1) N-OCTANE	2.032	5287758	44.965 ug/ml
2) N-DECANE	4.561	5459851	47.174 ug/ml
3) N-DODECANE	6.739	5489816	47.870 ug/ml
4) N-TETRADECANE	8.572	5470476	48.029 ug/ml
5) N-HEXADECANE	10.181	5441305	47.888 ug/ml
6) N-OCTADECANE	11.627	5548524	47.725 ug/ml
7) N-EICOSANE	12.940	5669112	48.089 ug/ml
8) N-DOCOSANE	14.143	5492166	48.559 ug/ml
10) N-TETRACOSANE	15.249	5455675	48.964 ug/ml
11) N-HEXACOSANE	16.274	5283054	49.634 ug/ml
12) N-OCTACOSANE	17.229	5266875	49.648 ug/ml
13) N-TRIACONTANE	18.120	5225295	48.889 ug/ml
14) N-DOTRIACONTANE	18.956	5042158	47.828 ug/ml
15) N-TETRATRIACONTANE	19.742	4744524	47.796 ug/ml
16) N-HEXATRIACONTANE	20.486	4253929	48.995 ug/ml
17) N-OCTATRIACONTANE	21.240	3803319	51.603 ug/ml
18) N-TETRACONTANE	22.179	3438044	57.484 ug/ml

(f)=RT Delta > 1/2 Window

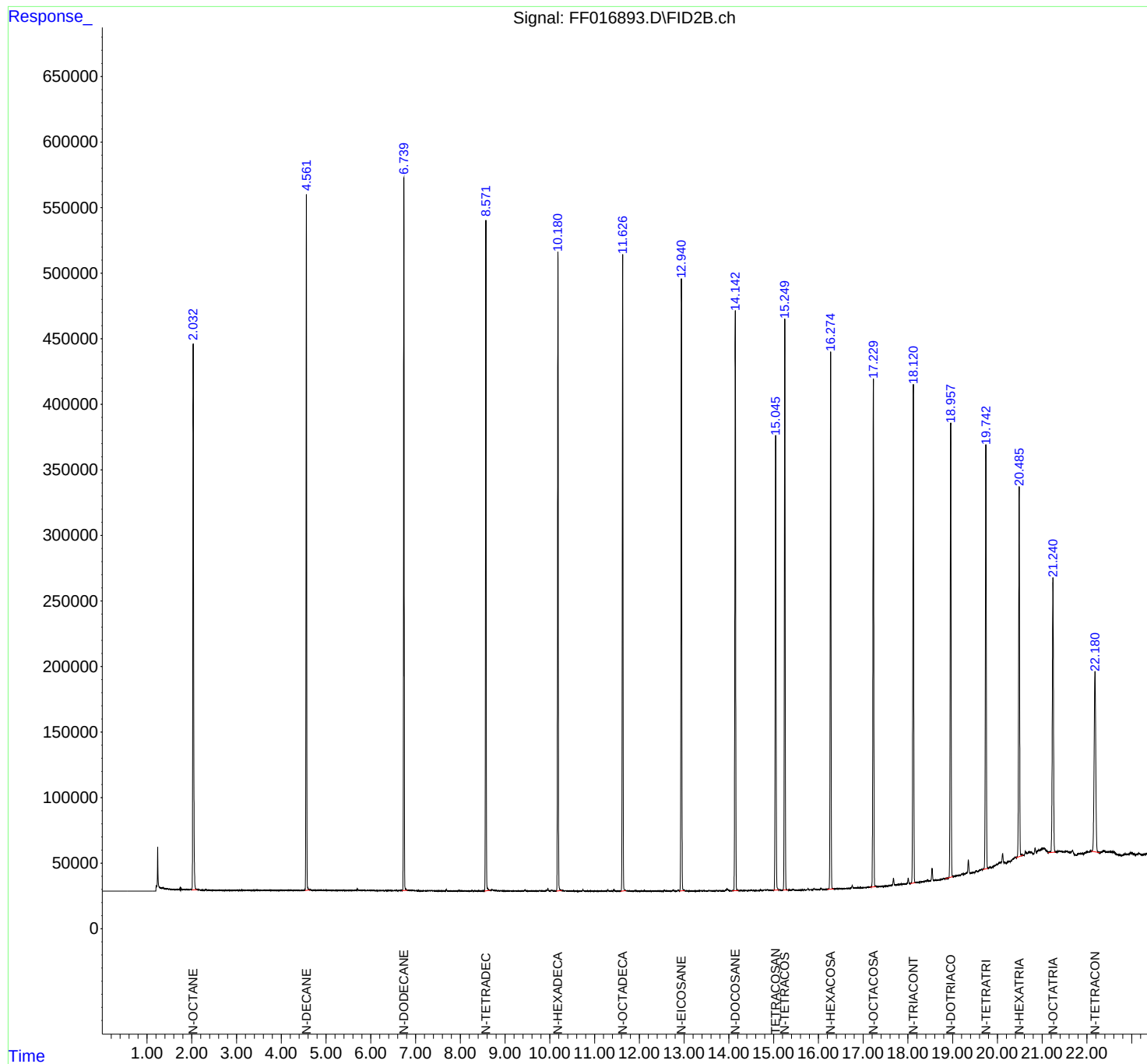
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016893.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 13:35
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Dec 11 00:50:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: TULL02
ProjectID: MTA 26 Stations - Pierrepont
Lab Code: ACE SDG No.: Q3790
DataFile: FG017151.D Analyst Name: YP\AJ Analyst Date: 12-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	84839401	99811	108588	8.083

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
 Data File : FG017151.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2025 08:38
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:17:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.135	4791737	46.046 ug/ml
Target Compounds			
1) N-OCTANE	2.074	5591660	44.923 ug/ml
2) N-DECANE	4.611	5540903	46.449 ug/ml
3) N-DODECANE	6.794	5606297	46.936 ug/ml
4) N-TETRADECANE	8.633	5564102	48.078 ug/ml
5) N-HEXADECANE	10.251	5488966	47.970 ug/ml
6) N-OCTADECANE	11.704	5620935	46.865 ug/ml
7) N-EICOSANE	13.023	5729741	46.093 ug/ml
8) N-DOCOSANE	14.230	5510783	46.156 ug/ml
10) N-TETRACOSANE	15.341	5417814	46.113 ug/ml
11) N-HEXACOSANE	16.369	5181168	46.118 ug/ml
12) N-OCTACOSANE	17.325	5114587	45.327 ug/ml
13) N-TRIACONTANE	18.217	5034548	44.981 ug/ml
14) N-DOTRIACONTANE	19.055	4822450	44.609 ug/ml
15) N-TETRATRIACONTANE	19.843	4496317	44.851 ug/ml
16) N-HEXATRIACONTANE	20.587	3915188	44.888 ug/ml
17) N-OCTATRIACONTANE	21.362	3407726	44.689 ug/ml
18) N-TETRACONTANE	22.341	2796216	44.693 ug/ml

(f)=RT Delta > 1/2 Window

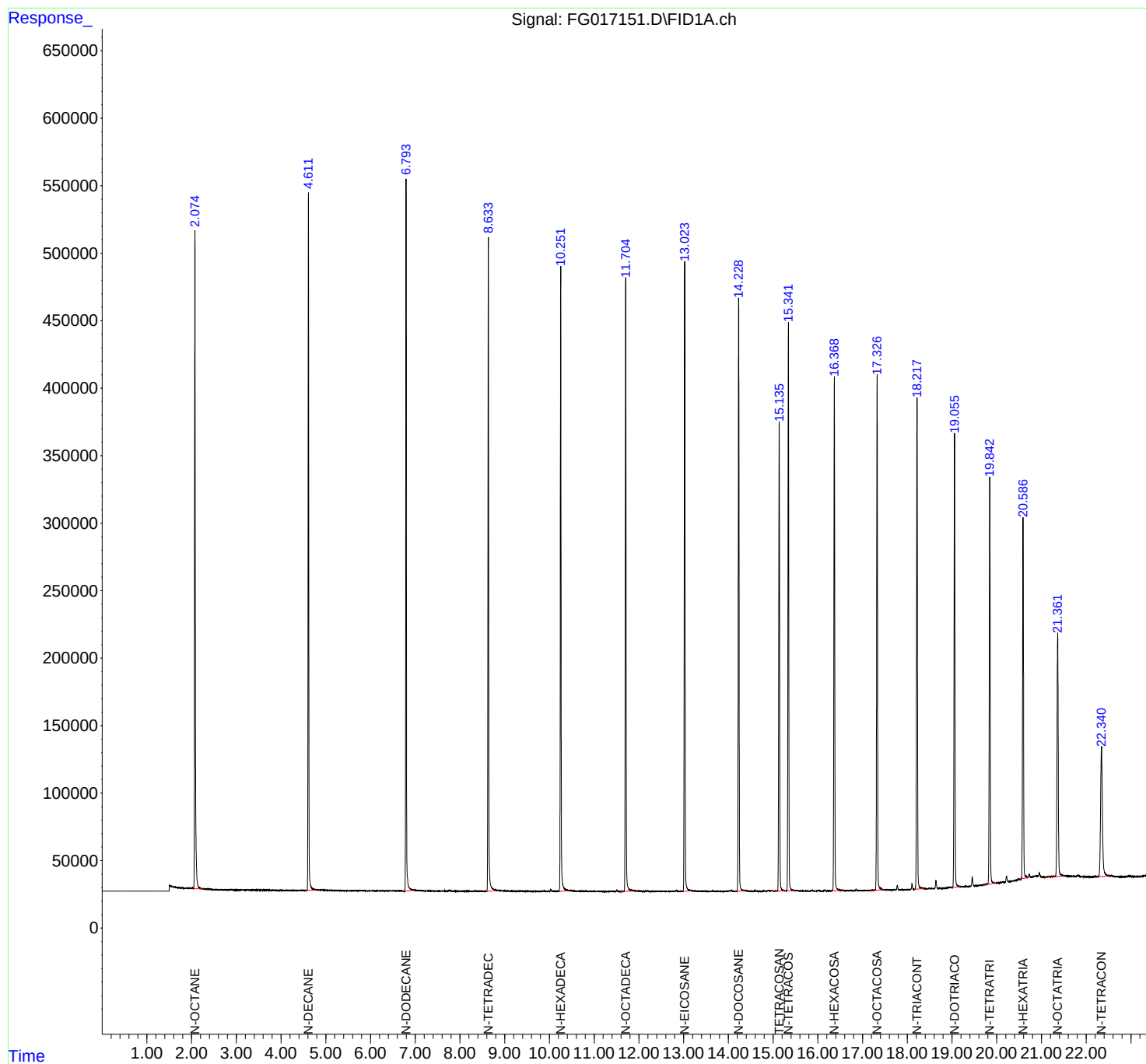
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017151.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 08:38
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Dec 11 00:17:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: TULL02
ProjectID: MTA 26 Stations - Pierrepont
Lab Code: ACE SDG No.: Q3790
DataFile: FG017157.D Analyst Name: YP\AJ Analyst Date: 12-10-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	87742916	103227	108588	4.937

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
 Data File : FG017157.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2025 11:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 00:19:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.137	4868552	46.784 ug/ml
Target Compounds			
1) N-OCTANE	2.076	5626222	45.201 ug/ml
2) N-DECANE	4.613	5634576	47.234 ug/ml
3) N-DODECANE	6.795	5664957	47.427 ug/ml
4) N-TETRADECANE	8.634	5604471	48.427 ug/ml
5) N-HEXADECANE	10.252	5524884	48.283 ug/ml
6) N-OCTADECANE	11.704	5666559	47.245 ug/ml
7) N-EICOSANE	13.024	5783835	46.528 ug/ml
8) N-DOCOSANE	14.231	5565522	46.614 ug/ml
10) N-TETRACOSANE	15.343	5565836	47.373 ug/ml
11) N-HEXACOSANE	16.370	5321114	47.363 ug/ml
12) N-OCTACOSANE	17.327	5298770	46.960 ug/ml
13) N-TRIACONTANE	18.220	5254276	46.944 ug/ml
14) N-DOTRIACONTANE	19.058	5106202	47.234 ug/ml
15) N-TETRATRIACONTANE	19.846	4826077	48.140 ug/ml
16) N-HEXATRIACONTANE	20.590	4137008	47.432 ug/ml
17) N-OCTATRIACONTANE	21.362	3637838	47.706 ug/mlm
18) N-TETRACONTANE	22.341	3524769	56.338 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017157.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 11:37
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

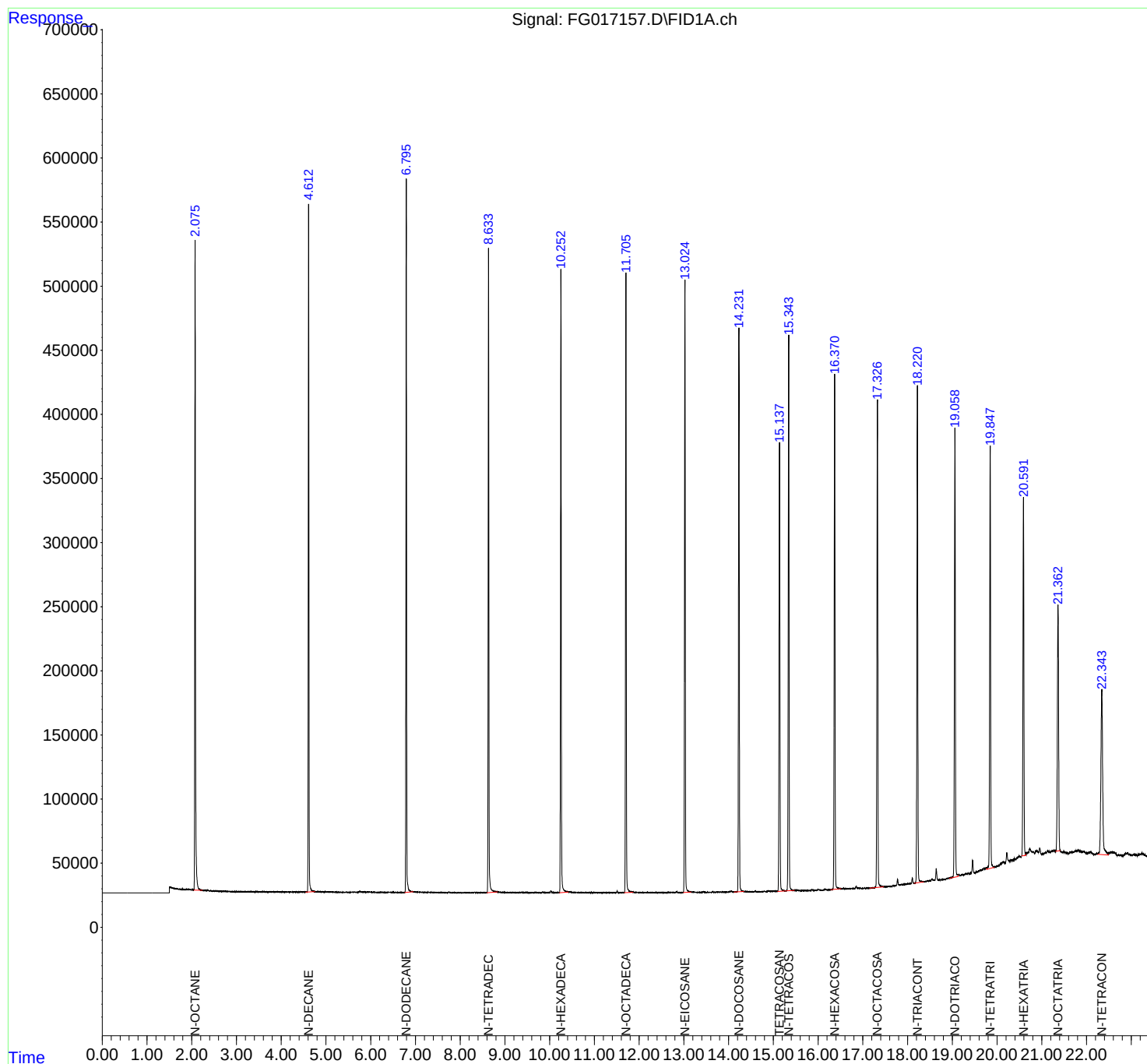
Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:19:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



Analytical Sequence

Client: Tully Construction Co., Inc.

SDG No.: Q3790

Project: MTA 26 Stations - Pierrepont

Instrument ID: FID_G

GC Column: RXI-1MS **ID:** 0.18 (mm)

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.0426					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	10 Dec 2025 08:09	FF016884.D	15.041	
50 PPM TRPH STD	50 PPM TRPH STD	10 Dec 2025 09:38	FF016885.D	15.044	
PB170872BL	PB170872BL	10 Dec 2025 10:37	FF016887.D	15.042	
PB170872BS	PB170872BS	10 Dec 2025 11:08	FF016888.D	15.041	
304 FURMAN SOIL-TPH-1	Q3790-04	10 Dec 2025 11:37	FF016889.D	15.041	
304 FURMAN SOIL-TPH-1MS	Q3790-04MS	10 Dec 2025 12:07	FF016890.D	15.042	
304 FURMAN SOIL-TPH-1MSD	Q3790-04MSD	10 Dec 2025 12:36	FF016891.D	15.042	
PIBLK02	LBLK02	10 Dec 2025 13:06	FF016892.D	15.042	
50 PPM TRPH STD	50 PPM TRPH STD	10 Dec 2025 13:35	FF016893.D	15.045	
PIBLK03	LBLK03	10 Dec 2025 08:09	FG017150.D	15.136	
50 PPM TRPH STD	50 PPM TRPH STD	10 Dec 2025 08:38	FG017151.D	15.135	
304 FURMAN SOIL	Q3790-01	10 Dec 2025 09:38	FG017153.D	15.134	
304 FURMAN SOIL-TPH-2	Q3790-05	10 Dec 2025 10:07	FG017154.D	15.134	
304 FURMAN SOIL-TPH-3	Q3790-06	10 Dec 2025 10:37	FG017155.D	15.134	
PIBLK04	LBLK04	10 Dec 2025 11:08	FG017156.D	15.136	
50 PPM TRPH STD	50 PPM TRPH STD	10 Dec 2025 11:37	FG017157.D	15.137	



QC SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	
Project:	MTA 26 Stations - Pierrepont		Date Received:	
Client Sample ID:	PB170872BL		SDG No.:	Q3790
Lab Sample ID:	PB170872BL		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date: 12/09/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	0.38	U	1	0.38	2.83	mg/Kg	12/10/25 10:37	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	18.4			37 - 130	92%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016887.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 10:37
Operator : YP\AJ
Sample : PB170872BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170872BL

Integration File: autoint1.e
Quant Time: Dec 11 00:48:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.042	1809420	18.364 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

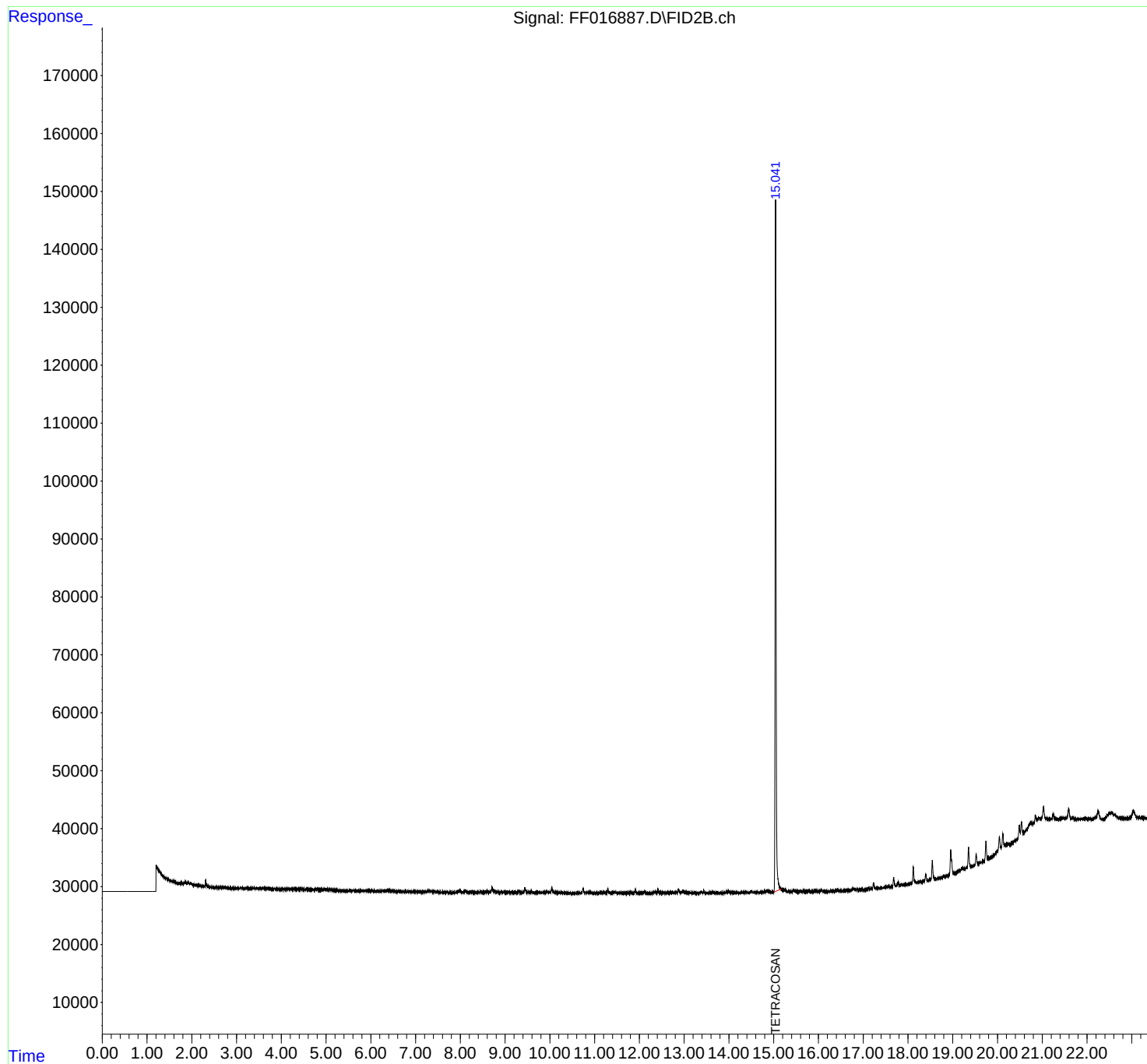
(m)=manual int.

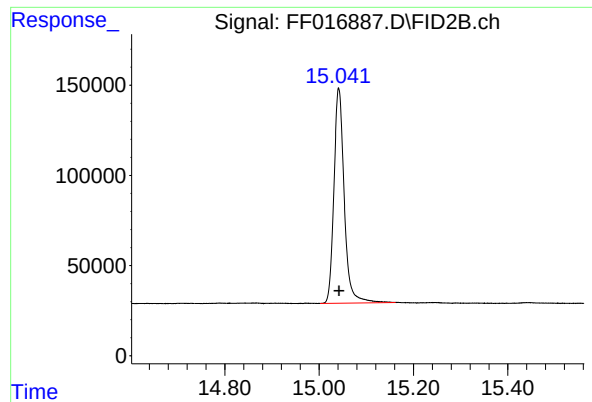
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016887.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 10:37
Operator : YP\AJ
Sample : PB170872BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170872BL

Integration File: autoint1.e
Quant Time: Dec 11 00:48:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.000 min
Response: 1809420
Conc: 18.36 ug/ml

Instrument :

FID_F

ClientSampleId :

PB170872BL

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/10/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/10/25
Client Sample ID:	PIBLK-FF016884.D		SDG No.:	Q3790
Lab Sample ID:	I.BLK-FF016884.D		Matrix:	Water
Analytical Method:	8015D TPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	0.012	U	1	0.012	0.085	mg/L	12/10/25	FF121025
SURROGATES									
16416-32-3	TETRACOSANE-d50	19.1			29 - 130	96%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016884.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 08:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:47:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	1885596	19.137 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

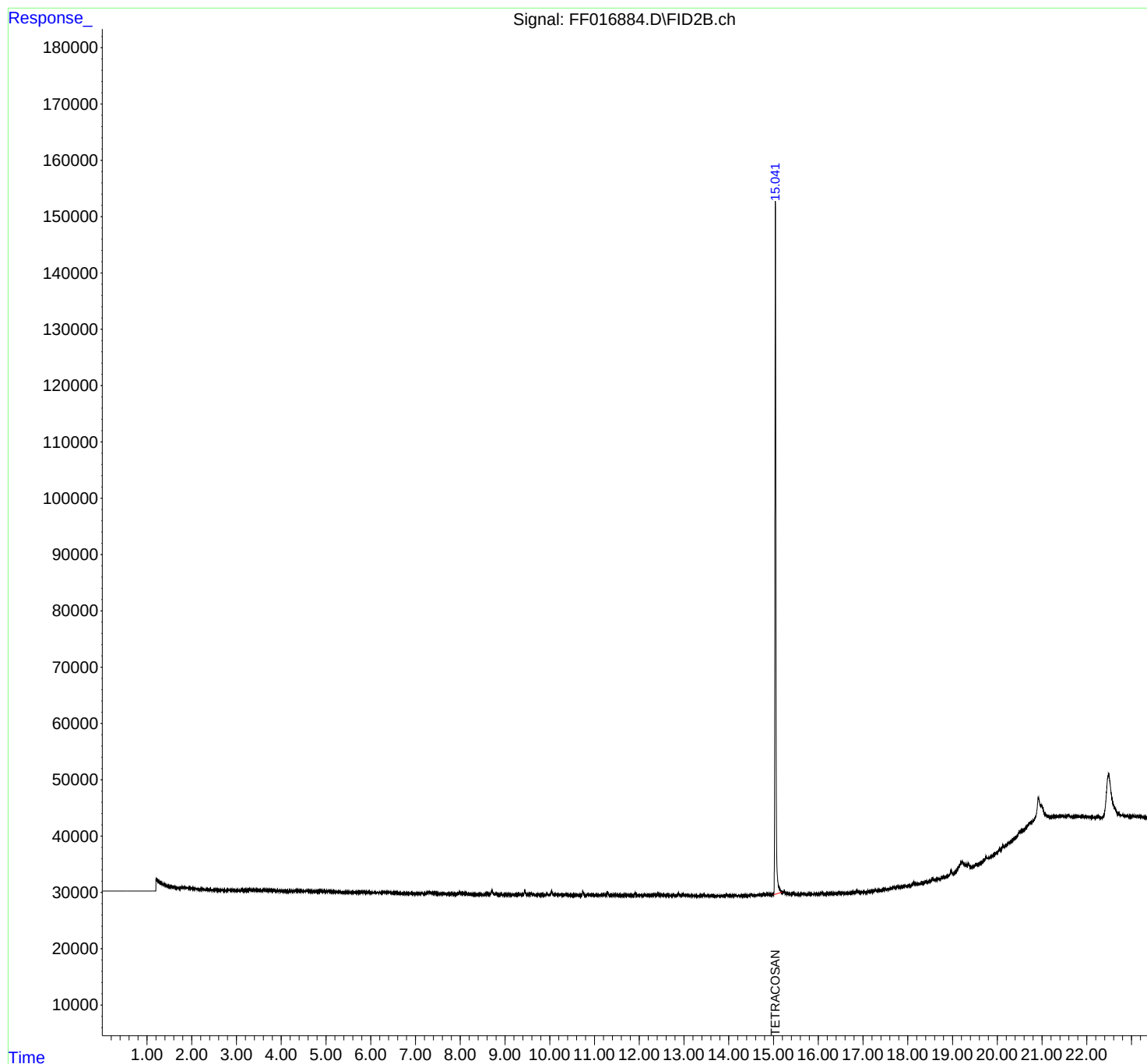
(m)=manual int.

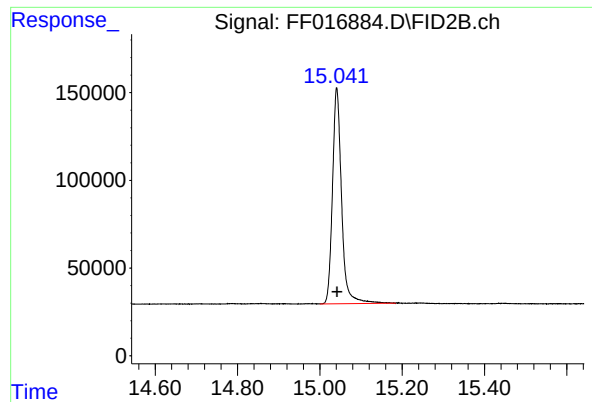
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016884.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 08:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:47:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.001 min
Response: 1885596
Conc: 19.14 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/10/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/10/25
Client Sample ID:	PIBLK-FF016892.D		SDG No.:	Q3790
Lab Sample ID:	I.BLK-FF016892.D		Matrix:	Water
Analytical Method:	8015D TPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	0.012	U	1	0.012	0.085	mg/L	12/10/25	FF121025
SURROGATES									
16416-32-3	TETRACOSANE-d50	18.5			29 - 130	92%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016892.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 13:06
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.042	1822813	18.500 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

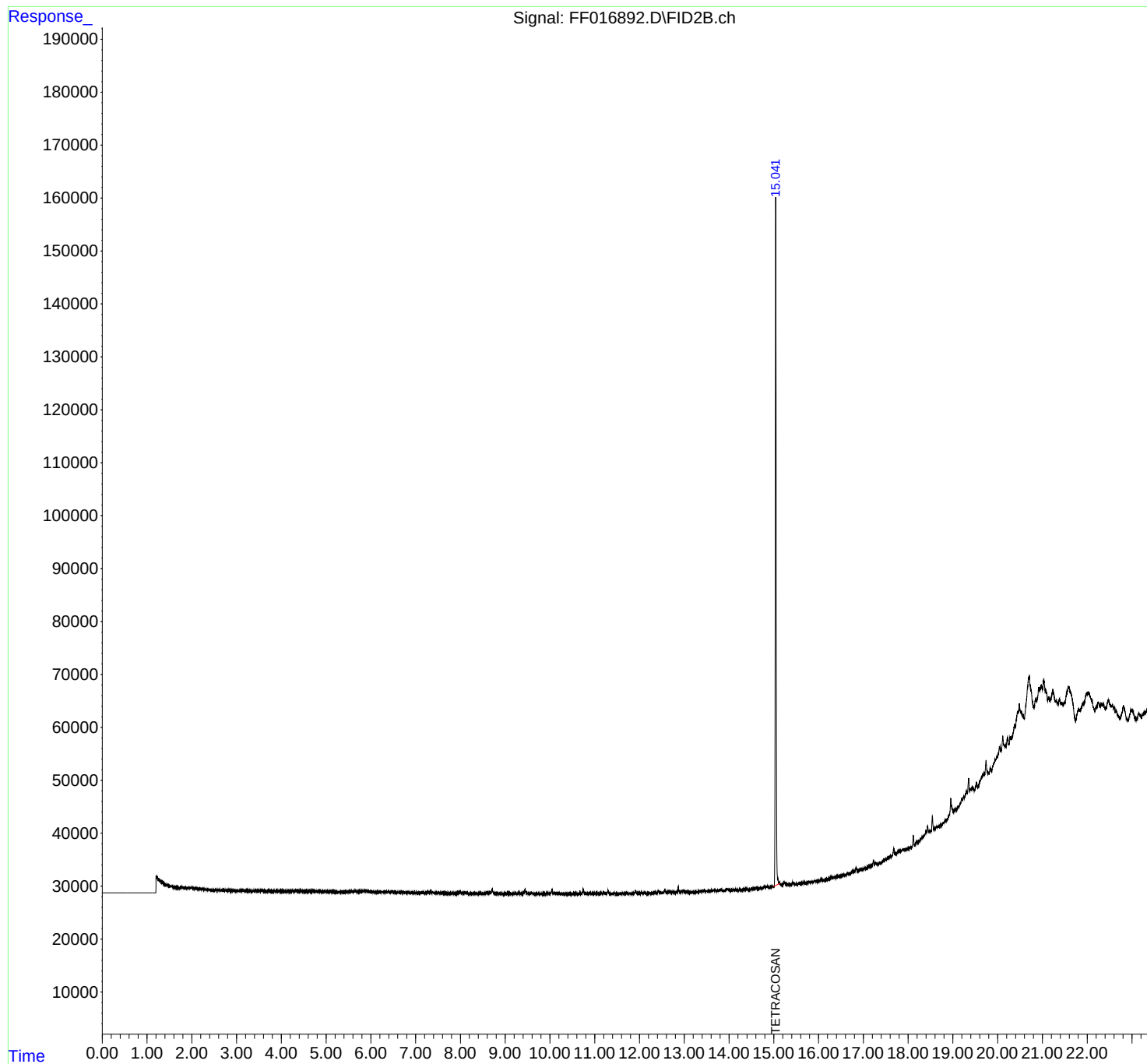
(m)=manual int.

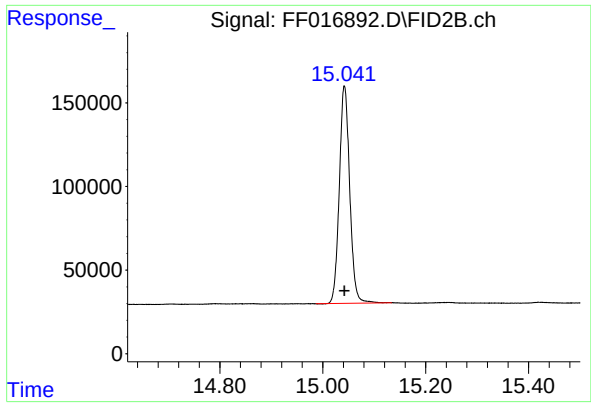
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016892.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 13:06
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.000 min
Response: 1822813
Conc: 18.50 ug/ml

Instrument :
FID_F
ClientSampleId :
I.BLK

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/10/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/10/25
Client Sample ID:	PIBLK-FG017150.D	SDG No.:	Q3790
Lab Sample ID:	I.BLK-FG017150.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	0.012	U	1	0.012	0.085	mg/L	12/10/25	FG121025
SURROGATES									
16416-32-3	TETRACOSANE-d50	16.1			29 - 130	80%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017150.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 08:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:16:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.136	1670553	16.053 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

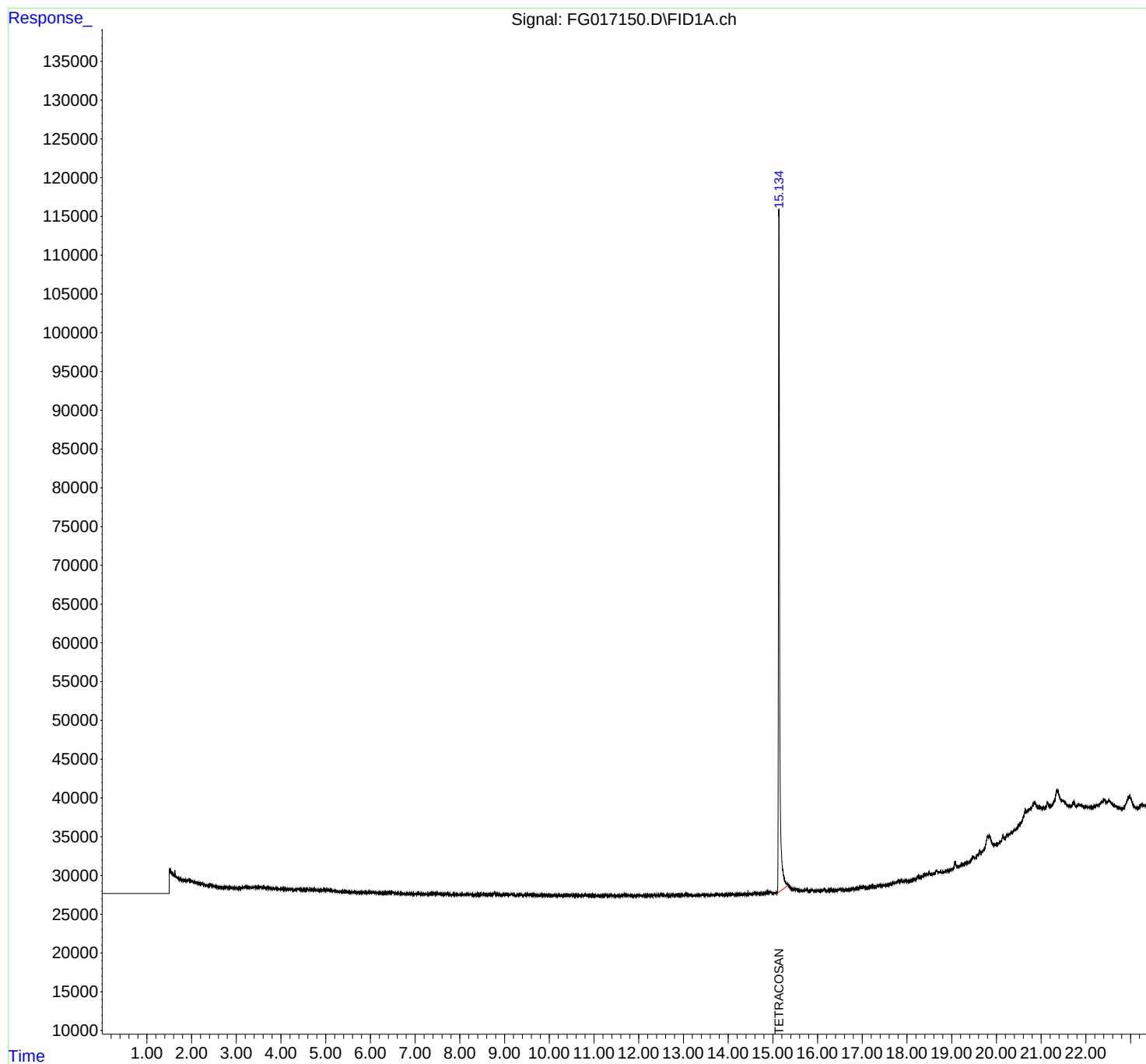
(m)=manual int.

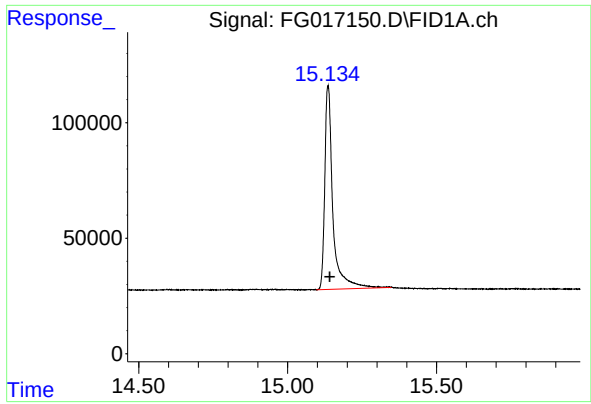
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017150.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 08:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:16:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.136 min
Delta R.T.: -0.006 min
Response: 1670553
Conc: 16.05 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/10/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/10/25
Client Sample ID:	PIBLK-FG017156.D		SDG No.:	Q3790
Lab Sample ID:	I.BLK-FG017156.D		Matrix:	Water
Analytical Method:	8015D TPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	0.012	U	1	0.012	0.085	mg/L	12/10/25	FG121025
SURROGATES									
16416-32-3	TETRACOSANE-d50	15.6			29 - 130	78%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017156.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 11:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:19:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.136	1623970	15.606 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

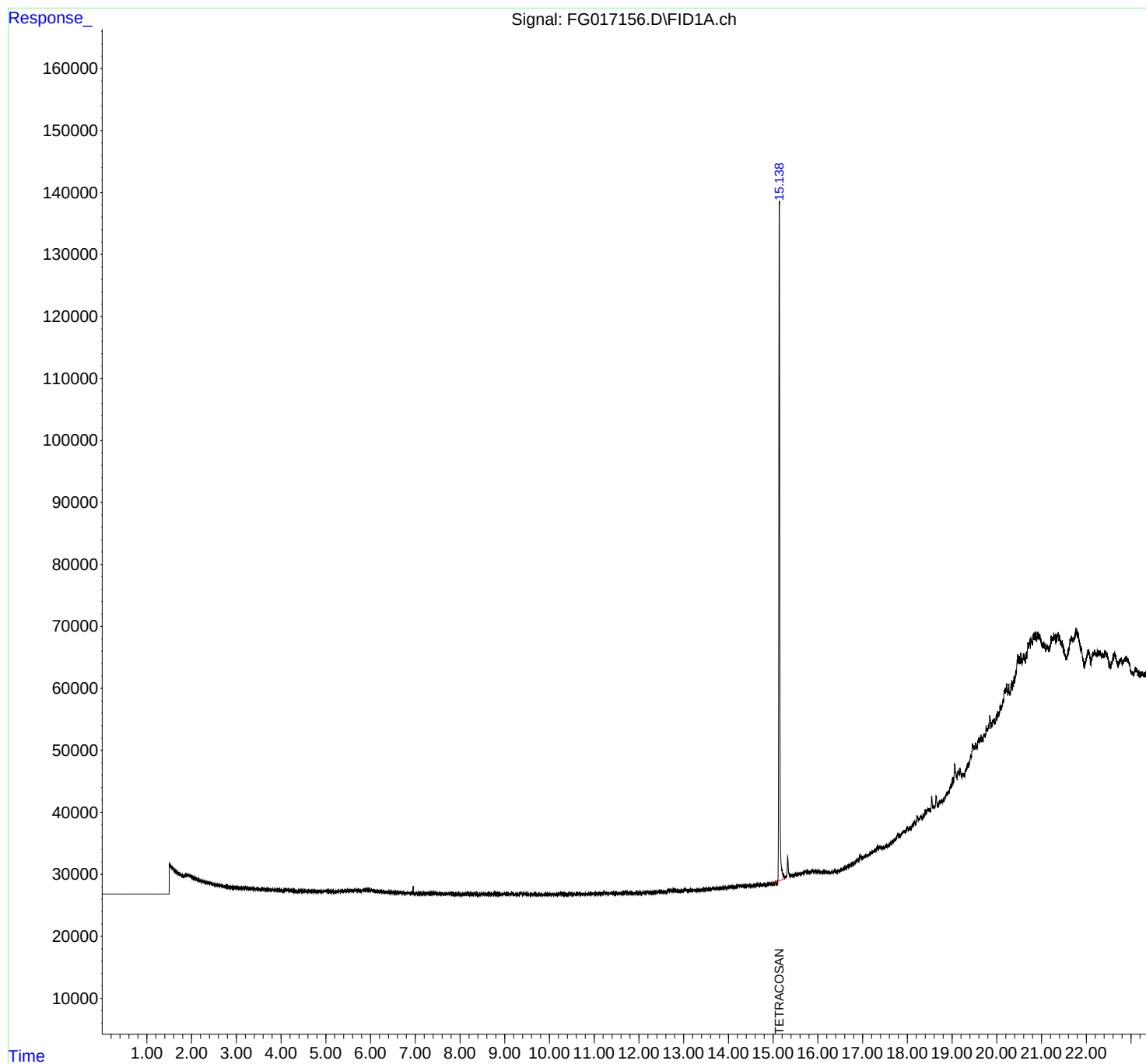
(m)=manual int.

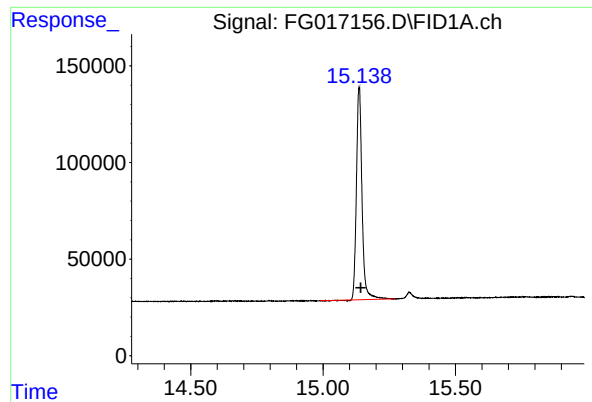
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
Data File : FG017156.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2025 11:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
I.BLK

Integration File: autoint1.e
Quant Time: Dec 11 00:19:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.136 min
Delta R.T.: -0.006 min
Response: 1623970
Conc: 15.61 ug/ml

Instrument :
FID_G
ClientSampleId :
I.BLK

Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	
Project:	MTA 26 Stations - Pierrepont		Date Received:	
Client Sample ID:	PB170872BS		SDG No.:	Q3790
Lab Sample ID:	PB170872BS		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date: 12/09/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	9.25		1	0.38	2.83	mg/Kg	12/10/25 11:08	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	19.0			37 - 130	95%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016888.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 11:08
 Operator : YP\AJ
 Sample : PB170872BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170872BS

Integration File: autoint1.e
 Quant Time: Dec 11 00:48:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.041	1870344	18.983 ug/ml
Target Compounds			
1) N-OCTANE	2.030	1490012	12.670 ug/ml
2) N-DECANE	4.556	1879587	16.240 ug/ml
3) N-DODECANE	6.735	1939771	16.915 ug/ml
4) N-TETRADECANE	8.569	1952864	17.145 ug/ml
5) N-HEXADECANE	10.177	1988162	17.498 ug/ml
6) N-OCTADECANE	11.623	2059939	17.718 ug/ml
7) N-EICOSANE	12.936	2076359	17.613 ug/ml
8) N-DOCOSANE	14.139	2073880	18.336 ug/ml
10) N-TETRACOSANE	15.246	2030931	18.227 ug/ml
11) N-HEXACOSANE	16.270	1997021	18.762 ug/ml
12) N-OCTACOSANE	17.223	1963305	18.507 ug/ml
13) N-TRIACONTANE	18.116	1889337	17.677 ug/ml
14) N-DOTRIACONTANE	18.951	1861372	17.656 ug/ml
15) N-TETRATRIACONTANE	19.738	1498937	15.100 ug/ml
16) N-HEXATRIACONTANE	20.480	1087573	12.526 ug/ml
17) N-OCTATRIACONTANE	21.236	740306	10.044 ug/ml
18) N-TETRACONTANE	22.175	539484	9.020 ug/ml

(f)=RT Delta > 1/2 Window

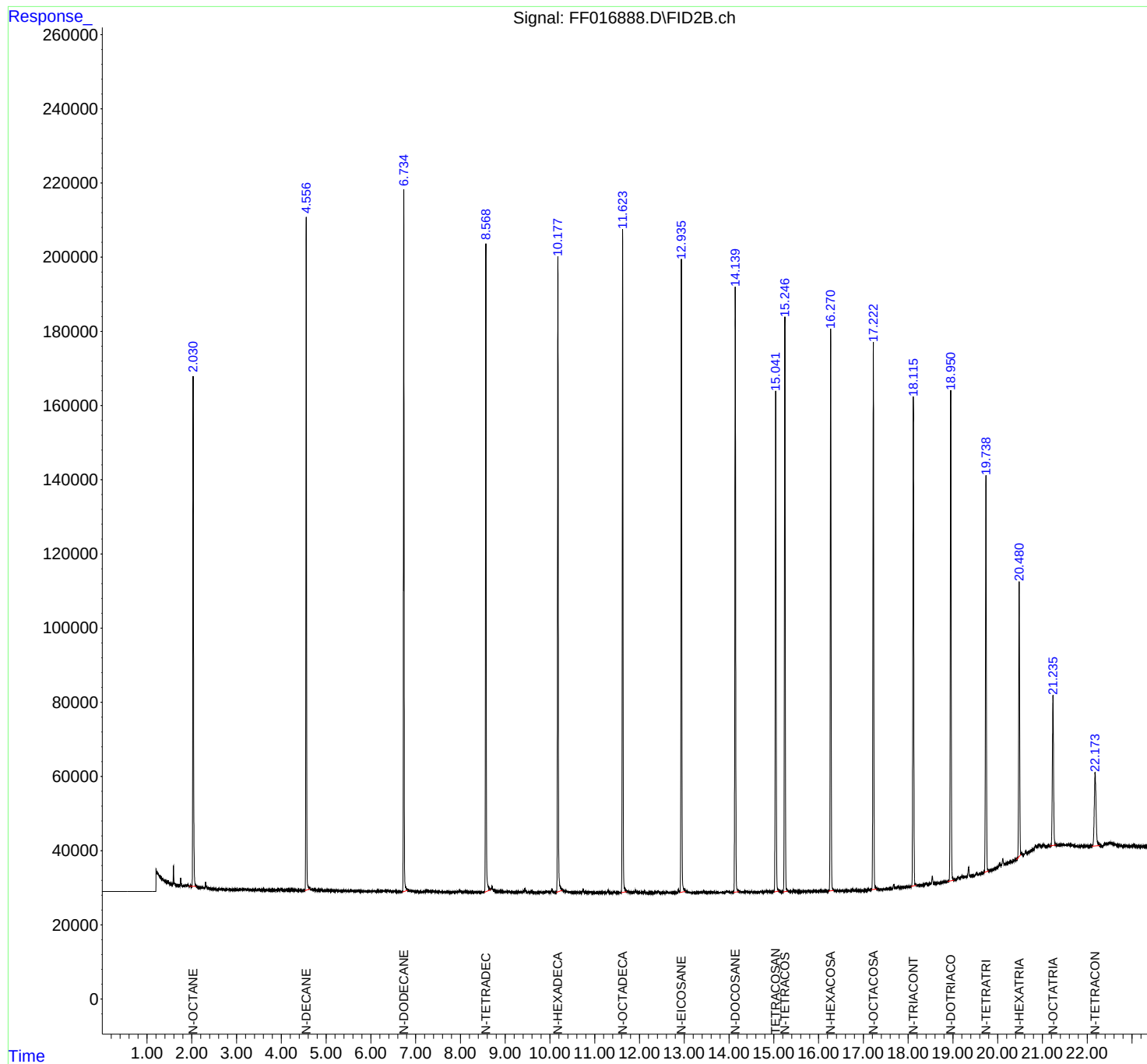
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016888.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 11:08
Operator : YP\AJ
Sample : PB170872BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170872BS

Integration File: autoint1.e
Quant Time: Dec 11 00:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL-TPH-1MS	SDG No.:	Q3790
Lab Sample ID:	Q3790-04MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	86.9
Sample Wt/Vol:	30.08 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:	12/09/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	28.2		1	0.44	3.25	mg/Kg	12/10/25 12:07	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	11.8			37 - 130	59%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016890.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 12:07
 Operator : YP\AJ
 Sample : Q3790-04MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 304 FURMAN SOIL-TPH-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 00:49:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.042	1160704	11.780 ug/mlm
Target Compounds			
1) N-OCTANE	2.033	1477938	12.568 ug/ml
2) N-DECANE	4.558	1746722	15.092 ug/ml
3) N-DODECANE	6.736	1839554	16.041 ug/ml
4) N-TETRADECANE	8.569	1823098	16.006 ug/ml
5) N-HEXADECANE	10.178	1890530	16.638 ug/ml
6) N-OCTADECANE	11.624	2024654	17.415 ug/ml
7) N-EICOSANE	12.938	2005392	17.011 ug/ml
8) N-DOCOSANE	14.139	2043781	18.070 ug/ml
10) N-TETRACOSANE	15.246	2350636	21.097 ug/ml
11) N-HEXACOSANE	16.272	1949928	18.320 ug/ml
12) N-OCTACOSANE	17.225	2005333	18.903 ug/ml
13) N-TRIACONTANE	18.116	1971540	18.446 ug/ml
14) N-DOTRIACONTANE	18.953	2135768	20.259 ug/ml
15) N-TETRATRIACONTANE	19.740	2035279	20.503 ug/ml
16) N-HEXATRIACONTANE	20.484	1914503	22.051 ug/ml
17) N-OCTATRIACONTANE	21.239	1996303	27.086 ug/ml
18) N-TETRACONTANE	22.179	1866248	31.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016890.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 12:07
Operator : YP\AJ
Sample : Q3790-04MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

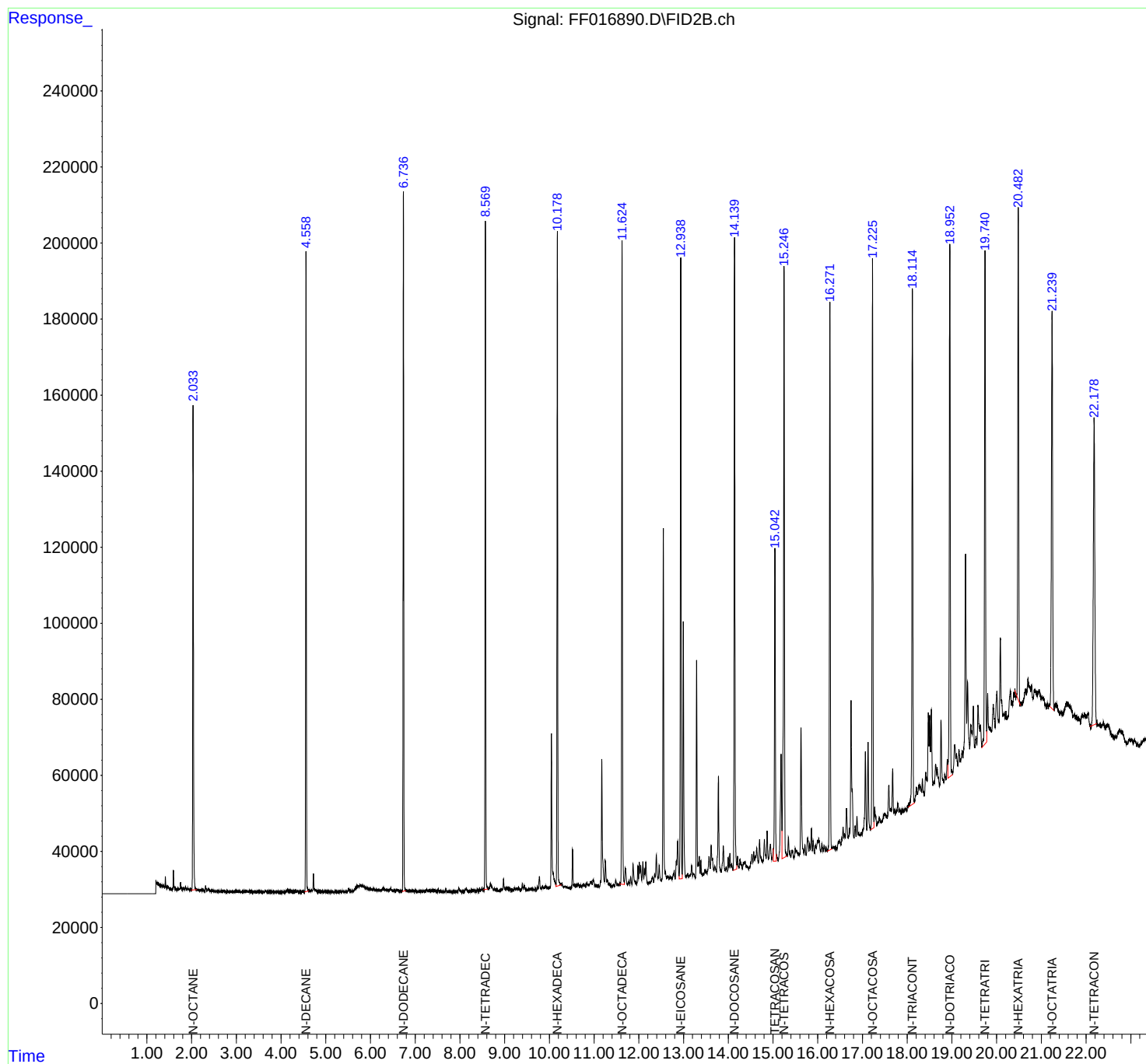
Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



Report of Analysis

Client:	Tully Construction Co., Inc.		Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont		Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL-TPH-1MSD		SDG No.:	Q3790
Lab Sample ID:	Q3790-04MSD		Matrix:	SOIL
Analytical Method:	8015D TPH		% Solid:	86.9
Sample Wt/Vol:	30.07 g	Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541	Prep Date: 12/09/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	28.8		1	0.44	3.25	mg/Kg	12/10/25 12:36	PB170872
SURROGATES									
16416-32-3	TETRACOSANE-d50	11.4			37 - 130	57%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
 Data File : FF016891.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2025 12:36
 Operator : YP\AJ
 Sample : Q3790-04MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 304 FURMAN SOIL-TPH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 00:50:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:05:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.042	1120582	11.373 ug/mlm
Target Compounds			
1) N-OCTANE	2.033	1414003	12.024 ug/ml
2) N-DECANE	4.559	1675385	14.475 ug/ml
3) N-DODECANE	6.736	1763114	15.374 ug/ml
4) N-TETRADECANE	8.569	1758783	15.442 ug/ml
5) N-HEXADECANE	10.178	1794873	15.796 ug/ml
6) N-OCTADECANE	11.625	1944025	16.721 ug/ml
7) N-EICOSANE	12.938	1920133	16.288 ug/ml
8) N-DOCOSANE	14.139	1939237	17.146 ug/ml
10) N-TETRACOSANE	15.246	2256853	20.255 ug/ml
11) N-HEXACOSANE	16.272	1881868	17.680 ug/ml
12) N-OCTACOSANE	17.226	1889948	17.815 ug/ml
13) N-TRIACONTANE	18.117	1952380	18.267 ug/ml
14) N-DOTRIACONTANE	18.954	2074664	19.679 ug/ml
15) N-TETRATRIACONTANE	19.742	1934336	19.486 ug/ml
16) N-HEXATRIACONTANE	20.485	1858936	21.411 ug/ml
17) N-OCTATRIACONTANE	21.240	1972448	26.762 ug/ml
18) N-TETRACONTANE	22.181	1819113	30.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121025\
Data File : FF016891.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2025 12:36
Operator : YP\AJ
Sample : Q3790-04MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

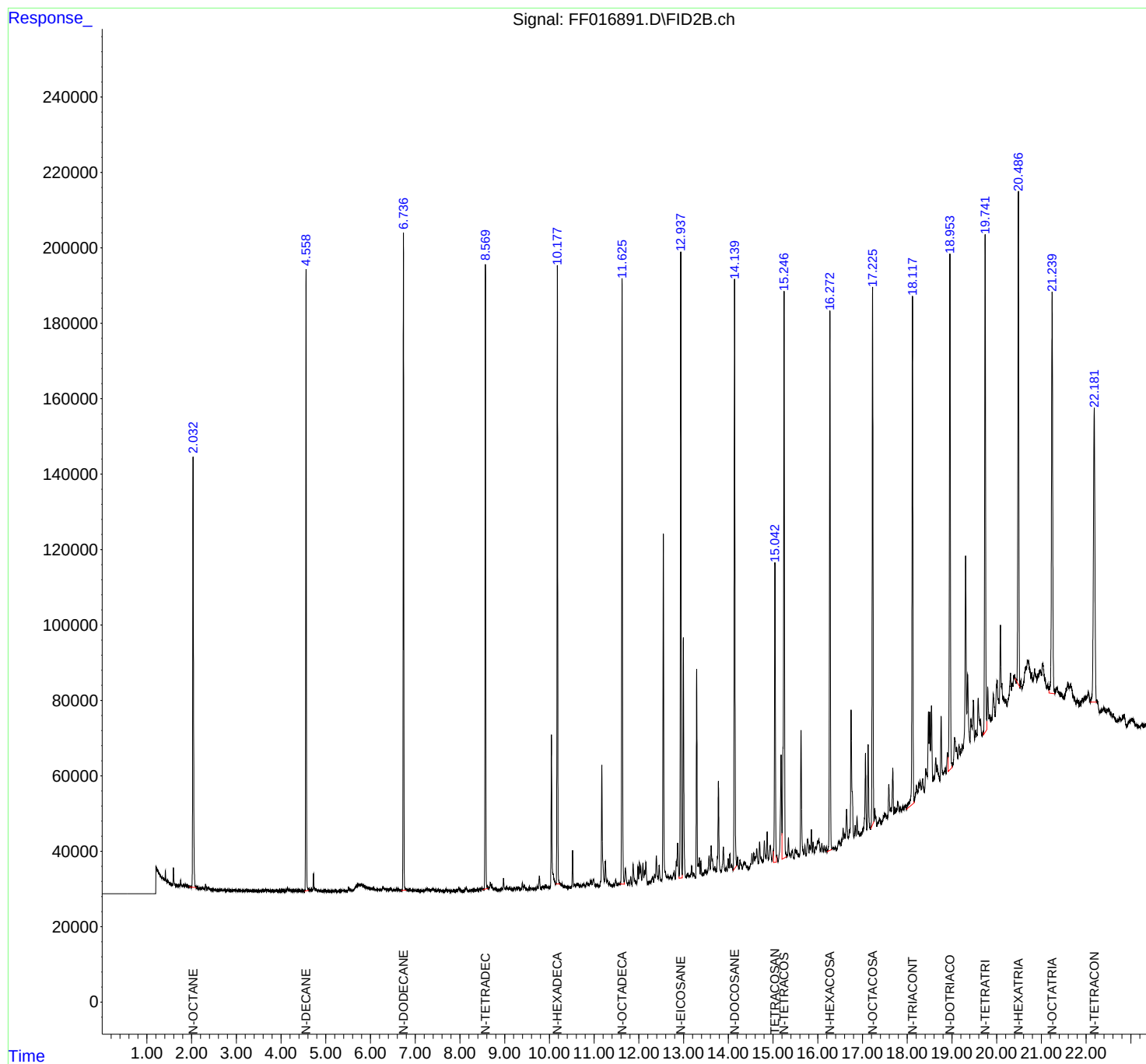
Instrument :
FID_F
ClientSampleId :
304 FURMAN SOIL-TPH-1MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/11/2025
Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
Quant Time: Dec 11 00:50:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120125.M
Quant Title :
QLast Update : Mon Dec 01 15:05:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3790-04		FF016889.D	FF121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:15:31 AM	Peak Integrated by Software incorrectly
Q3790-04MS		FF016890.D	FF121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:15:33 AM	Peak Integrated by Software incorrectly
Q3790-04MSD		FF016891.D	FF121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:15:35 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q3790-01		FG017153.D	FG121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:16:08 AM	Peak Integrated by Software incorrectly
Q3790-05		FG017154.D	FG121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:16:09 AM	Peak Integrated by Software incorrectly
Q3790-06		FG017155.D	FG121025	TETRACOSANE-d50 (SURROGA	yogesh	12/11/2025 9:16:11 AM	Peak Integrated by Software incorrectly
50 PPM TRPH STD		FG017157.D	FG121025	N-OCTATRIACONTANE	yogesh	12/11/2025 9:16:12 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF120125

Review By	rahul	Review On	12/1/2025 1:28:47 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:32 AM
SubDirectory	FF120125	HP Acquire Method	HP Processing Method FF120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016827.D	01 Dec 2025 10:25	YP\AJ	Ok
2	I.BLK	FF016828.D	01 Dec 2025 10:58	YP\AJ	Ok
3	100 TRPH STD	FF016829.D	01 Dec 2025 11:42	YP\AJ	Ok
4	50 TRPH STD	FF016830.D	01 Dec 2025 12:11	YP\AJ	Ok
5	20 TRPH STD	FF016831.D	01 Dec 2025 12:41	YP\AJ	Ok
6	10 TRPH STD	FF016832.D	01 Dec 2025 13:10	YP\AJ	Ok
7	5 TRPH STD	FF016833.D	01 Dec 2025 13:39	YP\AJ	Ok
8	FF120125ICV	FF016834.D	01 Dec 2025 15:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF121025

Review By	rahul	Review On	12/11/2025 8:46:12 AM
Supervise By	yogesh	Supervise On	12/11/2025 9:15:45 AM
SubDirectory	FF121025	HP Acquire Method	HP Processing Method FF120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016883.D	10 Dec 2025 07:39	YP\AJ	Ok
2	I.BLK	FF016884.D	10 Dec 2025 08:09	YP\AJ	Ok
3	50 PPM TRPH STD	FF016885.D	10 Dec 2025 09:38	YP\AJ	Ok
4	RT MARKER	FF016886.D	10 Dec 2025 10:07	YP\AJ	Ok
5	PB170872BL	FF016887.D	10 Dec 2025 10:37	YP\AJ	Ok
6	PB170872BS	FF016888.D	10 Dec 2025 11:08	YP\AJ	Ok
7	Q3790-04	FF016889.D	10 Dec 2025 11:37	YP\AJ	Ok,M
8	Q3790-04MS	FF016890.D	10 Dec 2025 12:07	YP\AJ	Ok,M
9	Q3790-04MSD	FF016891.D	10 Dec 2025 12:36	YP\AJ	Ok,M
10	I.BLK	FF016892.D	10 Dec 2025 13:06	YP\AJ	Ok
11	50 PPM TRPH STD	FF016893.D	10 Dec 2025 13:35	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120125

Review By	rahul	Review On	12/1/2025 1:30:15 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:37 AM
SubDirectory	FG120125	HP Acquire Method	HP Processing Method FG120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG017029.D	01 Dec 2025 10:25	YP\AJ	Ok
2	I.BLK	FG017030.D	01 Dec 2025 10:58	YP\AJ	Ok
3	100 TRPH STD	FG017031.D	01 Dec 2025 12:11	YP\AJ	Ok
4	50 TRPH STD	FG017032.D	01 Dec 2025 12:41	YP\AJ	Ok
5	20 TRPH STD	FG017033.D	01 Dec 2025 13:10	YP\AJ	Ok
6	10 TRPH STD	FG017034.D	01 Dec 2025 13:39	YP\AJ	Ok
7	5 TRPH STD	FG017035.D	01 Dec 2025 14:29	YP\AJ	Ok
8	FG120125ICV	FG017036.D	01 Dec 2025 15:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG121025

Review By	rahul	Review On	12/11/2025 8:46:50 AM
Supervise By	yogesh	Supervise On	12/11/2025 9:16:25 AM
SubDirectory	FG121025	HP Acquire Method	HP Processing Method FF120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM	PP24964		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG017149.D	10 Dec 2025 07:39	YP\AJ	Ok
2	I.BLK	FG017150.D	10 Dec 2025 08:09	YP\AJ	Ok
3	50 PPM TRPH STD	FG017151.D	10 Dec 2025 08:38	YP\AJ	Ok
4	RT MARKER	FG017152.D	10 Dec 2025 09:07	YP\AJ	Ok
5	Q3790-01	FG017153.D	10 Dec 2025 09:38	YP\AJ	Ok,M
6	Q3790-05	FG017154.D	10 Dec 2025 10:07	YP\AJ	Ok,M
7	Q3790-06	FG017155.D	10 Dec 2025 10:37	YP\AJ	Ok,M
8	I.BLK	FG017156.D	10 Dec 2025 11:08	YP\AJ	Ok
9	50 PPM TRPH STD	FG017157.D	10 Dec 2025 11:37	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF120125

Review By	rahul	Review On	12/1/2025 1:28:47 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:32 AM
SubDirectory	FF120125	HP Acquire Method	HP Processing Method FF120125

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC Internal Standard/PEM	PP24964
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016827.D	01 Dec 2025 10:25		YP\AJ	Ok
2	I.BLK		FF016828.D	01 Dec 2025 10:58		YP\AJ	Ok
3	100 TRPH STD		FF016829.D	01 Dec 2025 11:42		YP\AJ	Ok
4	50 TRPH STD		FF016830.D	01 Dec 2025 12:11		YP\AJ	Ok
5	20 TRPH STD		FF016831.D	01 Dec 2025 12:41		YP\AJ	Ok
6	10 TRPH STD		FF016832.D	01 Dec 2025 13:10		YP\AJ	Ok
7	5 TRPH STD		FF016833.D	01 Dec 2025 13:39		YP\AJ	Ok
8	FF120125ICV		FF016834.D	01 Dec 2025 15:56		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF121025

Review By	rahul	Review On	12/11/2025 8:46:12 AM
Supervise By	yogesh	Supervise On	12/11/2025 9:15:45 AM
SubDirectory	FF121025	HP Acquire Method	HP Processing Method FF121025

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC Internal Standard/PEM	PP24964
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016883.D	10 Dec 2025 07:39		YP\AJ	Ok
2	I.BLK		FF016884.D	10 Dec 2025 08:09		YP\AJ	Ok
3	50 PPM TRPH STD		FF016885.D	10 Dec 2025 09:38		YP\AJ	Ok
4	RT MARKER		FF016886.D	10 Dec 2025 10:07		YP\AJ	Ok
5	PB170872BL		FF016887.D	10 Dec 2025 10:37		YP\AJ	Ok
6	PB170872BS		FF016888.D	10 Dec 2025 11:08		YP\AJ	Ok
7	Q3790-04		FF016889.D	10 Dec 2025 11:37		YP\AJ	Ok,M
8	Q3790-04MS		FF016890.D	10 Dec 2025 12:07		YP\AJ	Ok,M
9	Q3790-04MSD		FF016891.D	10 Dec 2025 12:36		YP\AJ	Ok,M
10	I.BLK		FF016892.D	10 Dec 2025 13:06		YP\AJ	Ok
11	50 PPM TRPH STD		FF016893.D	10 Dec 2025 13:35		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG120125

Review By	rahul	Review On	12/1/2025 1:30:15 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:37 AM
SubDirectory	FG120125	HP Acquire Method	HP Processing Method FG120125

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	PP24964
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG017029.D	01 Dec 2025 10:25		YP\AJ	Ok
2	I.BLK		FG017030.D	01 Dec 2025 10:58		YP\AJ	Ok
3	100 TRPH STD		FG017031.D	01 Dec 2025 12:11		YP\AJ	Ok
4	50 TRPH STD		FG017032.D	01 Dec 2025 12:41		YP\AJ	Ok
5	20 TRPH STD		FG017033.D	01 Dec 2025 13:10		YP\AJ	Ok
6	10 TRPH STD		FG017034.D	01 Dec 2025 13:39		YP\AJ	Ok
7	5 TRPH STD		FG017035.D	01 Dec 2025 14:29		YP\AJ	Ok
8	FG120125ICV		FG017036.D	01 Dec 2025 15:56		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG121025

Review By	rahul	Review On	12/11/2025 8:46:50 AM
Supervise By	yogesh	Supervise On	12/11/2025 9:16:25 AM
SubDirectory	FG121025	HP Acquire Method	HP Processing Method FF120125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC	PP24964		
Internal Standard/PEM	PP24963,PP24968		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG017149.D	10 Dec 2025 07:39		YP\AJ	Ok
2	I.BLK		FG017150.D	10 Dec 2025 08:09		YP\AJ	Ok
3	50 PPM TRPH STD		FG017151.D	10 Dec 2025 08:38		YP\AJ	Ok
4	RT MARKER		FG017152.D	10 Dec 2025 09:07		YP\AJ	Ok
5	Q3790-01		FG017153.D	10 Dec 2025 09:38		YP\AJ	Ok,M
6	Q3790-05		FG017154.D	10 Dec 2025 10:07		YP\AJ	Ok,M
7	Q3790-06		FG017155.D	10 Dec 2025 10:37		YP\AJ	Ok,M
8	I.BLK		FG017156.D	10 Dec 2025 11:08		YP\AJ	Ok
9	50 PPM TRPH STD		FG017157.D	10 Dec 2025 11:37		YP\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138141

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3789-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3789-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3789-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3789-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3789-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3789-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3790-01	304 FURMAN SOIL	7	1.14	10.35	11.49	10.07	86.3	
Q3790-03	304 FURMAN SOIL	8	1.18	10.08	11.26	9.81	85.6	
Q3790-04	304 FURMAN SOIL-TPH-1	9	1.13	10.55	11.68	10.3	86.9	
Q3790-05	304 FURMAN SOIL-TPH-2	10	1.18	10.53	11.71	10.22	85.8	
Q3790-06	304 FURMAN SOIL-TPH-3	11	1.15	10.38	11.53	10.00	85.3	
Q3795-01	72-11966	12	1.12	11.09	12.21	11.15	90.4	
Q3795-02	72-11966-EPH	13	1.15	10.84	11.99	11.13	92.1	
Q3795-03	72-11966-VOC	14	1.19	10.51	11.7	10.8	91.4	
Q3795-05	RBR 200059	15	1.18	10.81	11.99	9.81	79.8	
Q3795-06	RBR-200059-EPH	16	1.16	11.00	12.16	9.61	76.8	
Q3795-07	RBR-200059-VOC	17	1.16	10.62	11.78	10.6	88.9	
Q3800-01	ETGI-288	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3800-02	COMP#1	19	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3800-03	CONP#2	20	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3801-01	SOIL#1	21	1.11	10.55	11.66	10.6	90.0	
Q3801-02	SOIL#1-EPH	22	1.15	10.33	11.48	10.39	89.4	
Q3801-03	SOIL-1-VOC	23	1.19	10.65	11.84	10.64	88.7	
Q3801-04	SOIL#1-EPH-1	24	1.15	10.40	11.55	10.44	89.3	
Q3801-05	SOIL#1-EPH-2	25	1.18	10.53	11.71	10.6	89.5	
Q3801-06	SOIL#2	26	1.19	10.90	12.09	11.14	91.3	
Q3801-07	SOIL#2-EPH	27	1.11	10.68	11.79	10.77	90.4	
Q3801-08	SOIL#2-VOC	28	1.14	10.50	11.64	10.14	85.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138141

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3801-09	SOIL#2-EPH-1	29	1.19	10.50	11.69	10.47	88.4	
Q3801-10	SOIL#2-EPH-2	30	1.12	11.08	12.2	10.82	87.5	
Q3802-01	12-5-2025-A	31	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3802-02	12-5-2025-B	32	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3803-01	CHASE-A	33	1.15	10.19	11.34	11.28	99.4	
Q3803-02	CHASE-B	34	1.15	10.18	11.33	11.27	99.4	
Q3803-03	CHASE-C	35	1.19	10.70	11.89	11.84	99.5	
Q3803-04	CHASE-D	36	1.16	10.77	11.93	11.87	99.4	
Q3803-05	CHASE-E	37	1.16	10.52	11.68	11.66	99.8	
Q3803-06	CHASE-F	38	1.16	10.47	11.63	11.6	99.7	
Q3803-07	CHASE-G	39	1.11	10.84	11.95	11.92	99.7	
Q3803-08	CHASE-H	40	1.18	10.22	11.4	11.37	99.7	
Q3803-09	CHASE-I	41	1.19	10.61	11.8	11.72	99.2	
Q3803-10	CHASE-J	42	1.18	10.65	11.83	11.78	99.5	
Q3803-11	CHASE-K	43	1.11	10.12	11.23	11.21	99.8	
Q3803-12	CHASE-L	44	1.19	10.30	11.49	11.47	99.8	
Q3803-13	CHASE-M	45	1.19	10.26	11.45	11.37	99.2	
Q3803-14	CHASE-N	46	1.19	10.51	11.7	11.65	99.5	
Q3804-01	120325-A	47	1.14	10.39	11.53	10.2	87.2	
Q3804-02	120325-A	48	1.14	10.39	11.53	10.2	87.2	
Q3804-03	120325-B	49	1.19	10.23	11.42	11.12	97.1	
Q3804-04	120325-C	50	1.16	10.54	11.7	11.33	96.5	
Q3805-02	91725	51	1.00	1.00	2.00	2.00	100.0	poly-debris
Q3806-01	TR-01-12-5-2025	52	1.11	10.19	11.3	10.53	92.4	
Q3806-02	TR-01-12-5-2025	53	1.16	10.56	11.72	10.65	89.9	
Q3806-03	TR-01-12-5-2025	54	1.15	10.47	11.62	10.89	93.0	
Q3806-04	TR-05-12-5-2025	55	1.16	10.48	11.64	11.00	93.9	
Q3806-05	TR-05-12-5-2025	56	1.13	10.95	12.08	11.33	93.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138141

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3806-06	TR-05-12-5-2025	57	1.18	10.54	11.72	10.68	90.1	
Q3809-01	SW-1	58	1.15	10.52	11.67	10.7	90.8	
Q3809-02	SW-2	72	1.14	10.92	12.06	10.03	81.4	
Q3809-03	B-1	59	1.18	10.17	11.35	8.75	74.4	
Q3809-04	SW-3	60	1.19	10.70	11.89	10.89	90.7	
Q3809-05	SW-4	61	1.11	10.41	11.52	10.75	92.6	
Q3809-06	B-2	62	1.19	10.68	11.87	9.24	75.4	
Q3809-07	B-3	63	1.15	10.66	11.81	9.12	74.8	
Q3809-08	SW-5	64	1.16	10.63	11.79	9.62	79.6	
Q3809-09	SW-6	65	1.16	10.36	11.52	9.66	82.0	
Q3809-10	SW-7	66	1.13	10.50	11.63	8.77	72.8	
Q3809-11	SW-8	67	1.15	10.40	11.55	10.28	87.8	
Q3809-12	SW-9	68	1.13	10.29	11.42	9.22	78.6	
Q3809-13	SW-10	69	1.17	10.49	11.66	9.6	80.4	
Q3809-14	B-4	70	1.18	10.82	12.00	10.82	89.1	
Q3810-01	BP Dirt Sample	71	1.19	10.22	11.41	10.93	95.3	
Q3812-01	OR-02-120825	73	1.12	11.10	12.22	11.26	91.4	
Q3812-02	OR-02-120825-E2	74	1.19	10.62	11.81	10.84	90.9	

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-120825

WorkList ID : 193511

Department : Wet-Chemistry

Date : 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3789-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3790-01	304 FURMAN SOIL	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-03	304 FURMAN SOIL	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-04	304 FURMAN SOIL-TPH-1	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-05	304 FURMAN SOIL-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-06	304 FURMAN SOIL-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3795-01	72-11966	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-02	72-11966-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-03	72-11966-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-05	RBR 200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-06	RBR-200059-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-07	RBR-200059-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-01	ETGI-288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-02	COMP#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-03	CONP#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-01	SOIL#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO

Date/Time 12/08/25 13:00

Raw Sample Received by: SA WCL

Raw Sample Relinquished by: CFS

Date/Time 12/08/25 17:30

Raw Sample Received by: CFS

Raw Sample Relinquished by: 38100C

WORKLIST(Hardcopy Internal Chain)

12/28/25

WorkList Name : %1-120825

WorkList ID : 193511

Department : Wet-Chemistry

Date : 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3801-02	SOIL#1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-03	SOIL-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-04	SOIL#1-EPH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-05	SOIL#1-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-06	SOIL#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-07	SOIL#2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-08	SOIL#2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-09	SOIL#2-EPH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-10	SOIL#2-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3802-01	12-5-2025-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	12/05/2025	Chemtech -SO
Q3802-02	12-5-2025-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	12/05/2025	Chemtech -SO
Q3803-01	CHASE-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-02	CHASE-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-03	CHASE-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-04	CHASE-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-05	CHASE-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-06	CHASE-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-07	CHASE-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-08	CHASE-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-09	CHASE-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-10	CHASE-J	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO

Date/Time 12/08/25 15:00

Raw Sample Received by: SA WPC

Raw Sample Relinquished by: CPG

Date/Time 12/08/25

Raw Sample Received by: CPG

Raw Sample Relinquished by: SA WPC

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-120825

WorkList ID : 193511

Department : Wet-Chemistry

Date : 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3803-11	CHASE-K	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-12	CHASE-L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-13	CHASE-M	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-14	CHASE-N	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3804-01	120325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3804-02	120325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3804-03	120325-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3804-04	120325-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3805-02	91725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A31	12/05/2025	Chemtech -SO
Q3806-01	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-02	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/05/2025	Chemtech -SO
Q3806-03	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-04	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-05	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/05/2025	Chemtech -SO
Q3806-06	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3809-01	SW-1	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-02	SW-2	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-03	B-1	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-04	SW-3	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-05	SW-4	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-06	B-2	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO

Date/Time 2108125 131.00

Raw Sample Received by: SA WDC

Raw Sample Relinquished by: [Signature]

Date/Time 2108125

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-120825 WorkList ID : 193511 Department : Wet-Chemistry Date : 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3809-07	B-3	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-08	SW-5	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-09	SW-6	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-10	SW-7	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-11	SW-8	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-12	SW-9	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-13	SW-10	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-14	B-4	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3810-01	BP Dirt Sample	Solid	Percent Solids	Cool 4 deg C	DALT01	D51	12/01/2025	Chemtech -SO
Q3812-01	OR-02-120825	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	12/08/2025	Chemtech -SO
Q3812-02	OR-02-120825-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	12/08/2025	Chemtech -SO

Date/Time 12/08/25 13:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/08/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 12/09/2025

Extraction Start Time: 09:05

Extraction End Date: 12/09/2025

Extraction End Time: 12:40

Concentration By: EH

Supervisor By: ritesh

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	20 PPM	PP25071
MDL	0.05ML	20 PPM	PP25013
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2665
Methylene Chloride	N/A	E3986
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/09/25	RJ (EXT-106)	Y-P POSTHUB
12:45	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/09/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170872BL	PB170872BL	TPH GC	30.01	N/A	ritesh	Evelyn	1			U1-1
PB170872BS	PB170872BS	TPH GC	30.03	N/A	ritesh	Evelyn	1			2
Q3790-01	304 FURMAN SOIL	TPH GC	30.06	N/A	ritesh	Evelyn	1			3
Q3790-04	304 FURMAN SOIL-TPH-1	TPH GC	30.04	N/A	ritesh	Evelyn	1			4
Q3790-04MS	304 FURMAN SOIL-TPH-1MS	TPH GC	30.08	N/A	ritesh	Evelyn	1			5
Q3790-04MS D	304 FURMAN SOIL-TPH-1MSD	TPH GC	30.07	N/A	ritesh	Evelyn	1			6
Q3790-05	304 FURMAN SOIL-TPH-2	TPH GC	30.02	N/A	ritesh	Evelyn	1			U2-1
Q3790-06	304 FURMAN SOIL-TPH-3	TPH GC	30.05	N/A	ritesh	Evelyn	1			2

[Handwritten signature]

RJ
12/19

17408372
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3790TPH WorkList ID : 193546 Department : Extraction Date : 12-09-2025 9:00:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3790-01	304 FURMAN SOIL	Solid	TPH GC	Cool 4 deg C	TULL02	D31	12/05/2025	8015D
Q3790-04	304 FURMAN SOIL-TPH-1	Solid	TPH GC	Cool 4 deg C	TULL02	D31	12/05/2025	8015D
Q3790-05	304 FURMAN SOIL-TPH-2	Solid	TPH GC	Cool 4 deg C	TULL02	D31	12/05/2025	8015D
Q3790-06	304 FURMAN SOIL-TPH-3	Solid	TPH GC	Cool 4 deg C	TULL02	D31	12/05/2025	8015D

Date/Time 12/09/25 9:00
Raw Sample Received by: BS L67A-L66
Raw Sample Relinquished by: CP82

Date/Time 12/09/25 9:10
Raw Sample Received by: CP82
Raw Sample Relinquished by: BS L67A-L66



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Tully Construction Co.
ADDRESS: 304 Furman St.
CITY: Brooklyn STATE: NY ZIP: 11201
ATTENTION: Dean Devoe
PHONE: 917-391-8200 FAX:

PROJECT NAME: MTA 26 Stations - Remediation
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#: ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

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

VOCs
PCPA CHAR
SUC, PCB
Met. + TCLP Met.
TPH

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E					
1.	304 Furman Soil	S.	X		12-5	0725	9	X	X	X	X	X					PPM-0.0 / TERRA CORES
2.	304 Furman Soil - TPT-1	S.	X		12-5	0729	1					X					
3.	304 Furman Soil - TPT-2	S.	X		12-5	0735	1					X					
4.	304 Furman Soil - TPT-3	S.	X		12-5	0741	1					X					
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME: <u>0800</u>	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT. ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.1 + 0 = 4.1</u> °C
1. <u>[Signature]</u>	<u>12-5-25</u>	1. <u>[Signature]</u>	Comments: <u>IL 600 #1</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>		2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>1500</u>	RECEIVED BY:	CLIENT: ☐ Hand Delivered ☐ Other
3. <u>[Signature]</u>	<u>12-5-25</u>	3. <u>[Signature]</u>	Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3790	TULL02	Order Date : 12/5/2025 10:01:00 AM	Project Mgr :
Client Name : Tully Construction Co., Inc.		Project Name : MTA 26 Stations - Pierrepoi	Report Type : Level 1
Client Contact : Dean Devoe		Receive DateTime : 12/5/2025 2:00:00 PM	EDD Type : Excel NY 375
Invoice Name : Tully Construction Co., Inc.		Purchase Order : 3:00-00	Hard Copy Date :
Invoice Contact : Dean Devoe			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3790-03	304 FURMAN SOIL	Solid	12/05/2025	07:25	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By : 
Date / Time : 12/5/25 16:36

Received By : 
Date / Time : 12/08/25 8:00 Ng #6
Storage Area : VOA Refridgerator Room R22