



SAMPLE DATA

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.04 g	Final Vol:	1 mL
Prep Method:	SW3541	Prep Date	10/22/25
		Test:	Diesel Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	1310	J	1	188	926	1850	ug/kg	10/22/25 14:43	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.5			37 - 130		52%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: ICE Service Group, Inc.

Lab Code: ACE

SDG No.: Q3399

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016591.D	72				0
PIBLK-FF016599.D	74				0
PB170209BL	57				0
PB170209BS	77				0
COMP-ROLLOFF	52				0
COMP-ROLLOFFMS	52				0
COMP-ROLLOFFMSD	54				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 DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: ICE Service Group, Inc.

Lab Code: ACE

SDG No: Q3399

Client Sample ID : COMP-ROLLOFFMS

Datafile: FF016597.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7401	1310	6573	71%		68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance

Client: ICE Service Group, Inc.

Lab Code: ACE

SDG No: Q3399

Client Sample ID : COMP-ROLLOFFMSD

Datafile: FF016598.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7398	1310	6818	74%		68-131

MS/MSD % Recovery RPD : 4.7

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SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance

Client: ICE Service Group, Inc.

Lab Code: ACE

SDG No: Q3399

Client Sample ID : PB170209BS

Datafile: FF016595.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	5070	76	68-131

A
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4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170209BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: FF016594.D

Lab Sample ID: PB170209BL

Instrument ID: FF

Date Extracted: 10/22/2025

Matrix: (soil/water) Soil

Date Analyzed: 10/22/25

Level: (low/med) low

Time Analyzed: 13:33

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170209BS	PB170209BS	FF016595.D	10/22/25
COMP-ROLLOFF	Q3399-01	FF016596.D	10/22/25
COMP-ROLLOFFMS	Q3399-01MS	FF016597.D	10/22/25
COMP-ROLLOFFMSD	Q3399-01MSD	FF016598.D	10/22/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client: ICE Service Group, Inc.	Date Collected:	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID: PB170209BL	SDG No.:	Q3399
Lab Sample ID: PB170209BL	Matrix:	SOIL
Analytical Method: 8015D DRO	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	Diesel Range Organics
Prep Method: SW3541	Final Vol: 1 mL	
	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	833	U	1	169	833	1670	ug/kg	10/22/25 13:33	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	11.4			37 - 130		57%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016591.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016591.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.3			29 - 130		72%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016599.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016599.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.8			29 - 130		74%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170209BS		SDG No.:	Q3399
Lab Sample ID:	PB170209BS		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	5070		1	169	833	1670	ug/kg	10/22/25 14:03	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	15.3			37 - 130		77%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.06 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date		10/22/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6570		1	188	925	1850	ug/kg	10/22/25 15:13	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.4			37 - 130		52%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.07 g	Final Vol:	1 mL
Prep Method:	SW3541	Prep Date	10/22/25
		Test:	Diesel Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6820		1	188	925	1850	ug/kg	10/22/25 15:42	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.8			37 - 130		54%	SPK: 20		

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: ICES02
 ProjectID: NWIRP Northrup Grumman Site – Bethpage, NY
 Lab Code: ACE SDG No.: Q3399

Calibration Sequence : FF100225		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	112385153	112385	FF016509.D
500	63771192	127542	FF016510.D
200	27823338	139117	FF016511.D
100	13388592	133886	FF016512.D
50	6367675	127354	FF016513.D
AVG RF : 128057		% RSD : 7.835	AVG RT : 15.0682

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02
ProjectID: NWIRP Northrup Grumman Site – Bethp
Lab Code: ACE SDG No.: Q3399
DataFile: FF016592.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64931765	129864	128057	1.411

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02
ProjectID: NWIRP Northrup Grumman Site – Bethp
Lab Code: ACE SDG No.: Q3399
DataFile: FF016600.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64210589	128421	128057	0.284

Analytical Sequence

Client: ICE Service Group, Inc.

SDG No.: Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY

Instrument ID: FID_F

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 15.0682					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	22 Oct 2025 11:30	FF016591.D	15.063	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 12:00	FF016592.D	15.066	
PB170209BL	PB170209BL	22 Oct 2025 13:33	FF016594.D	15.062	
PB170209BS	PB170209BS	22 Oct 2025 14:03	FF016595.D	15.062	
COMP-ROLLOFF	Q3399-01	22 Oct 2025 14:43	FF016596.D	15.008	
COMP-ROLLOFFMS	Q3399-01MS	22 Oct 2025 15:13	FF016597.D	15.062	
COMP-ROLLOFFMSD	Q3399-01MSD	22 Oct 2025 15:42	FF016598.D	15.061	
PIBLK02	LBLK02	22 Oct 2025 16:12	FF016599.D	15.062	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 16:41	FF016600.D	15.064	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016596.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:43
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

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Integration File: autoint1.e
Quant Time: Oct 22 14:53:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 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...	15.062	1231356	10.470 ug/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

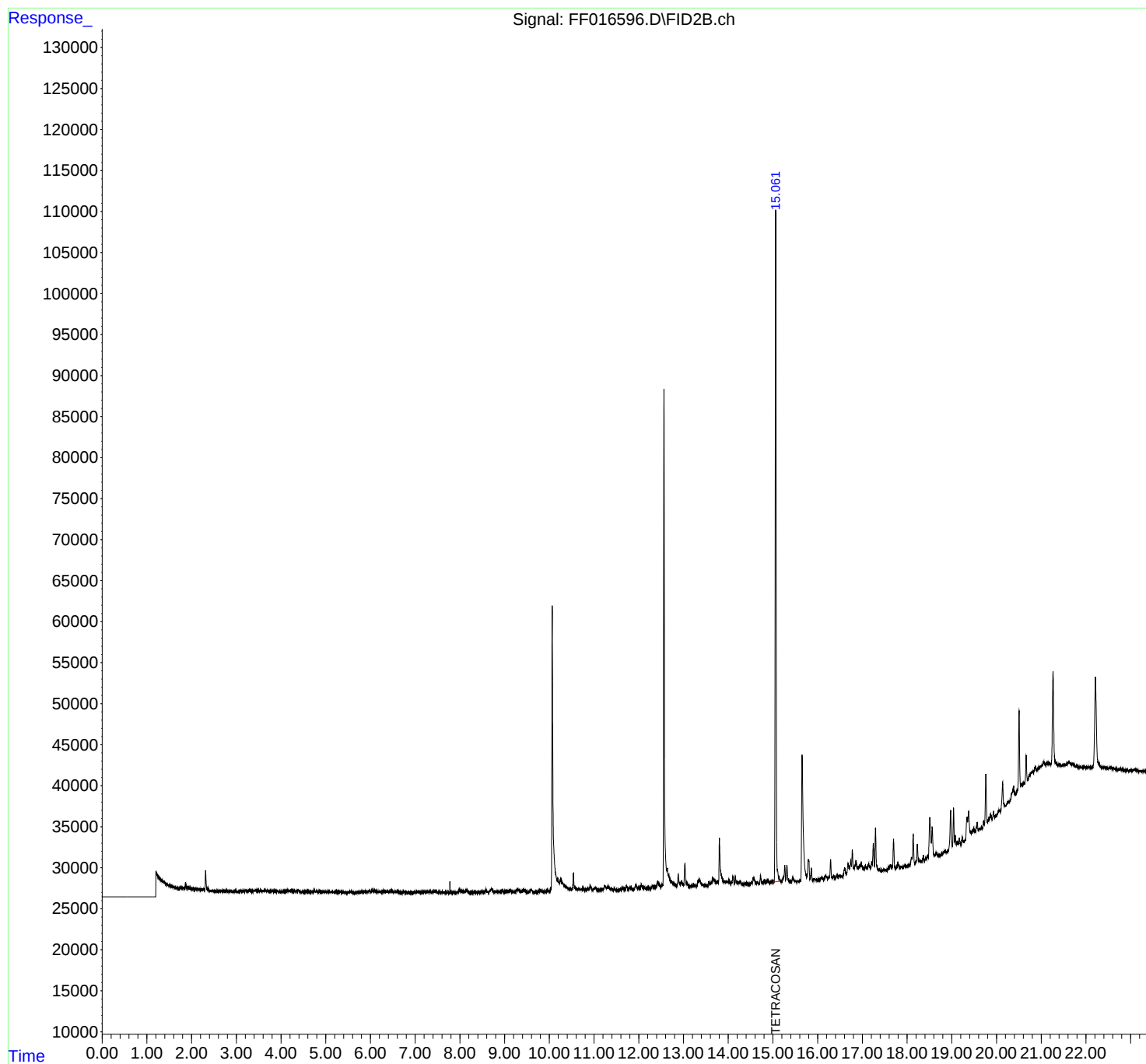
(m)=manual int.

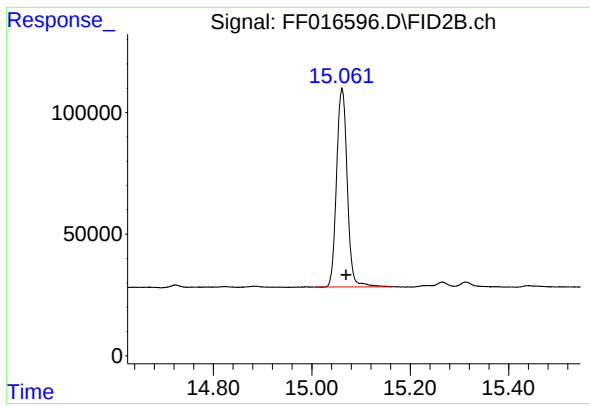
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016596.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:43
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

Integration File: autoint1.e
Quant Time: Oct 22 14:53:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

Sample Results: **FF016596.D**

R.T.: 15.062 min
Delta R.T.: -0.008 min
Response: 1231356
Conc: 10.47 ug/ml

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

- A
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- C
- D
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- F
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- I
- J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016596.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 14:43
 Sample : Q3399-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.439	4.418	4.450	BV	97	807	0.06%	0.014%
2	4.476	4.450	4.485	PV	146	1721	0.14%	0.030%
3	4.512	4.485	4.516	VV	155	1906	0.15%	0.033%
4	4.521	4.516	4.533	VV	135	987	0.08%	0.017%
5	4.572	4.533	4.603	VV	259	5616	0.45%	0.098%
6	4.607	4.603	4.612	VV	115	515	0.04%	0.009%
7	4.648	4.612	4.657	VV	159	2739	0.22%	0.048%
8	4.659	4.657	4.682	VV	124	1175	0.09%	0.020%
9	4.694	4.682	4.699	VV	144	1126	0.09%	0.020%
10	4.704	4.699	4.712	VV	129	754	0.06%	0.013%
11	4.737	4.712	4.772	VV	520	7851	0.63%	0.136%
12	4.785	4.772	4.806	VV	212	2762	0.22%	0.048%
13	4.814	4.806	4.820	VV	193	1181	0.09%	0.021%
14	4.827	4.820	4.835	VV	128	924	0.07%	0.016%
15	4.854	4.835	4.861	VV	205	1896	0.15%	0.033%
16	4.864	4.861	4.870	VV	127	742	0.06%	0.013%
17	4.887	4.870	4.895	VV	154	1868	0.15%	0.032%
18	4.902	4.895	4.905	VV	156	856	0.07%	0.015%
19	4.911	4.905	4.918	VV	170	1098	0.09%	0.019%
20	4.922	4.918	4.928	VV	170	794	0.06%	0.014%
21	4.941	4.928	4.947	VV	163	1427	0.11%	0.025%
22	4.950	4.947	4.959	VV	171	1036	0.08%	0.018%
23	4.971	4.959	4.977	VV	210	1741	0.14%	0.030%
24	4.981	4.977	4.997	VV	178	1610	0.13%	0.028%
25	5.002	4.997	5.008	VV	120	881	0.07%	0.015%
26	5.022	5.008	5.032	VV	211	2096	0.17%	0.036%
27	5.047	5.032	5.053	VV	221	1890	0.15%	0.033%
28	5.066	5.053	5.074	VV	247	2002	0.16%	0.035%
29	5.086	5.074	5.095	VV	195	1827	0.15%	0.032%
30	5.110	5.095	5.138	VV	191	3398	0.27%	0.059%
31	5.142	5.138	5.163	VV	178	1970	0.16%	0.034%
32	5.167	5.163	5.173	VV	132	570	0.05%	0.010%
33	5.180	5.173	5.209	VV	128	2030	0.16%	0.035%
34	5.232	5.209	5.253	VV	354	5065	0.40%	0.088%
35	5.262	5.253	5.267	VV	161	972	0.08%	0.017%
36	5.273	5.267	5.290	PV	129	1263	0.10%	0.022%

					rt	Area	Area%	Height%
37	5.301	5.290	5.308	VV	150	1114	0.09%	0.019%
38	5.316	5.308	5.323	VV	154	824	0.07%	0.014%
39	5.333	5.323	5.353	VV	147	1957	0.16%	0.034%
40	5.359	5.353	5.375	VV	165	1640	0.13%	0.029%
41	5.377	5.375	5.395	VV	174	1500	0.12%	0.026%
42	5.402	5.395	5.440	VV	152	2781	0.22%	0.048%
43	5.450	5.440	5.456	VV	120	872	0.07%	0.015%
44	5.461	5.456	5.465	VV	114	444	0.04%	0.008%
45	5.474	5.465	5.484	VV	126	1056	0.08%	0.018%
46	5.491	5.484	5.498	VV	125	765	0.06%	0.013%
47	5.503	5.498	5.508	VV	113	479	0.04%	0.008%
48	5.531	5.508	5.538	VV	245	2764	0.22%	0.048%
49	5.551	5.538	5.561	VV	239	2284	0.18%	0.040%
50	5.566	5.561	5.580	VV	192	1544	0.12%	0.027%
51	5.584	5.580	5.590	VV	129	679	0.05%	0.012%
52	5.594	5.590	5.602	VV	143	820	0.07%	0.014%
53	5.606	5.602	5.612	VV	165	786	0.06%	0.014%
54	5.620	5.612	5.644	VV	153	1828	0.15%	0.032%
55	5.650	5.644	5.675	VV	126	1423	0.11%	0.025%
56	5.678	5.675	5.686	VV	112	495	0.04%	0.009%
57	5.691	5.686	5.695	VV	97	447	0.04%	0.008%
58	5.702	5.695	5.707	VV	143	704	0.06%	0.012%
59	5.716	5.707	5.727	VV	139	1259	0.10%	0.022%
60	5.729	5.727	5.741	VV	193	1111	0.09%	0.019%
61	5.743	5.741	5.749	VV	140	611	0.05%	0.011%
62	5.753	5.749	5.767	VV	164	1258	0.10%	0.022%
63	5.772	5.767	5.777	VV	179	755	0.06%	0.013%
64	5.785	5.777	5.799	VV	177	1897	0.15%	0.033%
65	5.813	5.799	5.823	VV	182	1741	0.14%	0.030%
66	5.836	5.823	5.842	VV	221	1611	0.13%	0.028%
67	5.848	5.842	5.856	VV	196	1319	0.11%	0.023%
68	5.865	5.856	5.877	VV	203	1933	0.15%	0.034%
69	5.879	5.877	5.895	VV	238	1768	0.14%	0.031%
70	5.905	5.895	5.925	VV	256	3301	0.26%	0.057%
71	5.935	5.925	5.943	VV	232	1870	0.15%	0.032%
72	5.946	5.943	5.954	VV	199	1211	0.10%	0.021%
73	5.966	5.954	5.977	VV	309	3514	0.28%	0.061%
74	5.979	5.977	5.993	VV	293	2386	0.19%	0.041%
75	5.995	5.993	6.000	VV	251	803	0.06%	0.014%
76	6.007	6.000	6.017	VV	230	2129	0.17%	0.037%
77	6.021	6.017	6.025	VV	257	1200	0.10%	0.021%
78	6.037	6.025	6.066	VV	439	7364	0.59%	0.128%
79	6.089	6.066	6.138	VV	432	11554	0.92%	0.201%
80	6.145	6.138	6.166	VV	248	2521	0.20%	0.044%
81	6.193	6.166	6.200	VV	235	3150	0.25%	0.055%
82	6.235	6.200	6.268	VV	218	5823	0.46%	0.101%
83	6.281	6.268	6.299	VV	358	4246	0.34%	0.074%
84	6.323	6.299	6.330	VV	246	3264	0.26%	0.057%
85	6.372	6.330	6.387	VV	307	6868	0.55%	0.119%
86	6.393	6.387	6.405	VV	220	1813	0.14%	0.032%
87	6.409	6.405	6.426	VV	186	1891	0.15%	0.033%
88	6.440	6.426	6.453	VV	288	3903	0.31%	0.068%
89	6.465	6.453	6.499	VV	450	7270	0.58%	0.126%

					rt	Area	Height	%Area	%Height
90	6.541	6.499	6.580	VV	236	8318	0.66%	0.145%	
91	6.593	6.580	6.597	VV	253	1830	0.15%	0.032%	
92	6.605	6.597	6.615	VV	211	2153	0.17%	0.037%	
93	6.631	6.615	6.672	VV	254	5171	0.41%	0.090%	
94	6.682	6.672	6.688	VV	135	940	0.07%	0.016%	
95	6.747	6.688	6.791	VV	180	7625	0.61%	0.133%	
96	6.797	6.791	6.829	VV	129	1908	0.15%	0.033%	
97	6.834	6.829	6.847	VV	74	739	0.06%	0.013%	
98	6.852	6.847	6.889	VV	139	1894	0.15%	0.033%	
99	6.898	6.889	6.907	VV	105	784	0.06%	0.014%	
100	6.926	6.907	6.942	VV	106	1550	0.12%	0.027%	
101	6.950	6.942	6.957	VV	125	809	0.06%	0.014%	
102	6.997	6.957	7.017	VV	178	4051	0.32%	0.070%	
103	7.028	7.017	7.036	VV	229	2206	0.18%	0.038%	
104	7.039	7.036	7.062	VV	219	2391	0.19%	0.042%	
105	7.067	7.062	7.081	VV	183	1671	0.13%	0.029%	
106	7.086	7.081	7.124	VV	183	3526	0.28%	0.061%	
107	7.148	7.124	7.162	VV	183	3861	0.31%	0.067%	
108	7.164	7.162	7.194	VV	220	3024	0.24%	0.053%	
109	7.207	7.194	7.242	VV	224	5086	0.40%	0.088%	
110	7.249	7.242	7.255	VV	206	1465	0.12%	0.025%	
111	7.257	7.255	7.264	VV	242	954	0.08%	0.017%	
112	7.280	7.264	7.319	VV	236	5954	0.47%	0.103%	
113	7.324	7.319	7.328	VV	249	1049	0.08%	0.018%	
114	7.331	7.328	7.352	VV	196	2694	0.21%	0.047%	
115	7.358	7.352	7.376	VV	243	2402	0.19%	0.042%	
116	7.381	7.376	7.391	VV	225	1490	0.12%	0.026%	
117	7.397	7.391	7.404	VV	213	1368	0.11%	0.024%	
118	7.436	7.404	7.454	VV	289	6093	0.49%	0.106%	
119	7.467	7.454	7.520	VV	289	7220	0.57%	0.125%	
120	7.537	7.520	7.550	VV	217	2744	0.22%	0.048%	
121	7.557	7.550	7.572	VV	147	1332	0.11%	0.023%	
122	7.591	7.572	7.595	VV	161	1720	0.14%	0.030%	
123	7.601	7.595	7.630	VV	210	2300	0.18%	0.040%	
124	7.641	7.630	7.664	VV	162	2393	0.19%	0.042%	
125	7.667	7.664	7.680	VV	126	963	0.08%	0.017%	
126	7.684	7.680	7.690	VV	131	634	0.05%	0.011%	
127	7.695	7.690	7.699	VV	118	572	0.05%	0.010%	
128	7.706	7.699	7.719	VV	151	1197	0.10%	0.021%	
129	7.725	7.719	7.734	VV	121	599	0.05%	0.010%	
130	7.738	7.734	7.743	VV	106	354	0.03%	0.006%	
131	7.748	7.743	7.753	VV	100	369	0.03%	0.006%	
132	7.759	7.753	7.765	VV	157	551	0.04%	0.010%	
133	7.777	7.765	7.809	VV	1008	3214	0.26%	0.056%	
134	7.830	7.809	7.848	PV	113	1803	0.14%	0.031%	
135	7.865	7.848	7.900	VB	88	1406	0.11%	0.024%	
136	7.918	7.902	7.959	BV	81	1510	0.12%	0.026%	
137	7.988	7.959	8.026	VV	447	9266	0.74%	0.161%	
138	8.035	8.026	8.044	VV	213	1678	0.13%	0.029%	
139	8.057	8.044	8.104	VV	196	5407	0.43%	0.094%	
140	8.129	8.104	8.145	VV	280	4970	0.40%	0.086%	
141	8.157	8.145	8.197	VV	459	6261	0.50%	0.109%	

					rteres			
142	8.202	8.197	8.212	VV	52	121	0.01%	0.002%
143	8.216	8.212	8.220	PV	34	63	0.01%	0.001%
144	8.226	8.220	8.229	VV	61	152	0.01%	0.003%
145	8.234	8.229	8.282	VV	98	1541	0.12%	0.027%
146	8.285	8.282	8.297	VV	121	432	0.03%	0.008%
147	8.324	8.297	8.370	VV	160	3097	0.25%	0.054%
148	8.404	8.370	8.452	VV	133	2971	0.24%	0.052%
149	8.527	8.452	8.549	PV	195	5988	0.48%	0.104%
150	8.587	8.549	8.639	VV	523	10357	0.82%	0.180%
151	8.705	8.639	8.752	VV	500	18758	1.49%	0.326%
152	8.762	8.752	8.772	VV	141	1525	0.12%	0.027%
153	8.779	8.772	8.815	VV	205	3306	0.26%	0.057%
154	8.825	8.815	8.874	VV	170	3940	0.31%	0.068%
155	8.916	8.874	8.928	VV	262	5659	0.45%	0.098%
156	8.948	8.928	8.977	VV	366	5839	0.46%	0.101%
157	9.017	8.977	9.057	VV	243	7177	0.57%	0.125%
158	9.085	9.057	9.100	VV	306	5674	0.45%	0.099%
159	9.125	9.100	9.162	VV	409	9090	0.72%	0.158%
160	9.179	9.162	9.195	VV	172	2578	0.21%	0.045%
161	9.209	9.195	9.234	VV	161	2934	0.23%	0.051%
162	9.276	9.234	9.375	VV	421	21206	1.69%	0.369%
163	9.380	9.375	9.390	VV	143	1106	0.09%	0.019%
164	9.414	9.390	9.432	VV	480	7328	0.58%	0.127%
165	9.452	9.432	9.487	VV	450	8713	0.69%	0.151%
166	9.500	9.487	9.512	VV	103	1235	0.10%	0.021%
167	9.528	9.512	9.555	VV	137	2089	0.17%	0.036%
168	9.593	9.555	9.691	VV	472	15158	1.21%	0.263%
169	9.703	9.691	9.742	PV	75	2129	0.17%	0.037%
170	9.798	9.742	9.862	VV	373	13691	1.09%	0.238%
171	9.876	9.862	9.906	VV	181	3578	0.28%	0.062%
172	9.946	9.906	10.006	VV	216	8084	0.64%	0.141%
173	10.029	10.006	10.039	VV	608	6762	0.54%	0.118%
174	10.064	10.039	10.177	VV	34860	630496	50.20%	10.958%
175	10.192	10.177	10.227	VV	1751	40420	3.22%	0.703%
176	10.249	10.227	10.340	VV	1638	79086	6.30%	1.375%
177	10.345	10.340	10.449	VV	761	35032	2.79%	0.609%
178	10.460	10.449	10.510	VV	406	11880	0.95%	0.206%
179	10.538	10.510	10.608	VV	2223	45430	3.62%	0.790%
180	10.617	10.608	10.640	VV	414	5945	0.47%	0.103%
181	10.647	10.640	10.657	VV	282	2730	0.22%	0.047%
182	10.674	10.657	10.704	VV	332	7338	0.58%	0.128%
183	10.722	10.704	10.740	VV	320	5308	0.42%	0.092%
184	10.755	10.740	10.790	VV	491	9004	0.72%	0.156%
185	10.823	10.790	10.840	VV	284	5851	0.47%	0.102%
186	10.861	10.840	10.879	VV	346	5892	0.47%	0.102%
187	10.916	10.879	10.968	VV	686	21175	1.69%	0.368%
188	11.011	10.968	11.024	VV	370	9378	0.75%	0.163%
189	11.037	11.024	11.101	VV	479	12271	0.98%	0.213%
190	11.124	11.101	11.142	VV	164	2960	0.24%	0.051%
191	11.155	11.142	11.185	VV	196	3149	0.25%	0.055%
192	11.232	11.185	11.297	VV	610	24979	1.99%	0.434%
193	11.314	11.297	11.344	VV	661	12440	0.99%	0.216%
194	11.354	11.344	11.382	VV	302	5419	0.43%	0.094%

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195	11.386	11.382	11.430	VV	256	4974	0.40%	0.086%
196	11.459	11.430	11.492	VV	234	5276	0.42%	0.092%
197	11.498	11.492	11.522	VV	111	1260	0.10%	0.022%
198	11.528	11.522	11.539	VV	54	547	0.04%	0.010%
199	11.571	11.539	11.599	VV	222	4140	0.33%	0.072%
200	11.643	11.599	11.679	VV	430	10035	0.80%	0.174%
201	11.724	11.679	11.772	VV	523	13372	1.06%	0.232%
202	11.802	11.772	11.822	VV	393	7303	0.58%	0.127%
203	11.837	11.822	11.863	VV	326	4060	0.32%	0.071%
204	11.880	11.863	11.899	PV	136	1343	0.11%	0.023%
205	11.928	11.899	11.985	VV	658	18738	1.49%	0.326%
206	11.993	11.985	12.019	VV	338	4209	0.34%	0.073%
207	12.057	12.019	12.109	VV	739	19020	1.51%	0.331%
208	12.127	12.109	12.175	VV	425	8461	0.67%	0.147%
209	12.199	12.175	12.270	VV	233	8632	0.69%	0.150%
210	12.309	12.270	12.333	VV	429	9892	0.79%	0.172%
211	12.352	12.333	12.385	VV	322	7724	0.61%	0.134%
212	12.420	12.385	12.499	VV	979	37361	2.97%	0.649%
213	12.522	12.499	12.539	VV	606	10918	0.87%	0.190%
214	12.564	12.539	12.626	VV	60843	816291	64.99%	14.187%
215	12.640	12.626	12.727	VV	2514	92068	7.33%	1.600%
216	12.735	12.727	12.770	VV	860	18384	1.46%	0.320%
217	12.780	12.770	12.825	VV	668	17171	1.37%	0.298%
218	12.831	12.825	12.853	VV	474	5794	0.46%	0.101%
219	12.884	12.853	12.923	VV	1706	34881	2.78%	0.606%
220	12.951	12.923	13.003	VV	841	24788	1.97%	0.431%
221	13.032	13.003	13.061	VV	2989	51376	4.09%	0.893%
222	13.079	13.061	13.131	VV	633	15248	1.21%	0.265%
223	13.161	13.131	13.175	VV	231	4404	0.35%	0.077%
224	13.218	13.175	13.271	VV	387	13406	1.07%	0.233%
225	13.295	13.271	13.303	VV	258	3642	0.29%	0.063%
226	13.325	13.303	13.345	VV	796	13920	1.11%	0.242%
227	13.366	13.345	13.432	VV	942	28212	2.25%	0.490%
228	13.439	13.432	13.503	VV	302	8822	0.70%	0.153%
229	13.516	13.503	13.552	VV	229	3776	0.30%	0.066%
230	13.570	13.552	13.595	VV	628	10240	0.82%	0.178%
231	13.655	13.595	13.684	VV	1042	34760	2.77%	0.604%
232	13.692	13.684	13.730	VV	777	16918	1.35%	0.294%
233	13.748	13.730	13.772	VV	596	12691	1.01%	0.221%
234	13.804	13.772	13.942	VV	5856	145891	11.62%	2.536%
235	13.964	13.942	14.002	VV	545	17331	1.38%	0.301%
236	14.022	14.002	14.050	VV	710	14448	1.15%	0.251%
237	14.108	14.050	14.135	VV	1199	27666	2.20%	0.481%
238	14.158	14.135	14.230	VV	1085	27700	2.21%	0.481%
239	14.241	14.230	14.249	VV	298	3048	0.24%	0.053%
240	14.274	14.249	14.323	VV	469	11677	0.93%	0.203%
241	14.333	14.323	14.345	VV	112	1080	0.09%	0.019%
242	14.395	14.345	14.449	VV	291	10473	0.83%	0.182%
243	14.457	14.449	14.479	VV	84	1492	0.12%	0.026%
244	14.524	14.479	14.535	VV	318	6306	0.50%	0.110%
245	14.562	14.535	14.622	VV	851	25464	2.03%	0.443%
246	14.649	14.622	14.697	VV	242	7820	0.62%	0.136%

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247	14.723	14.697	14.750	PV	1137	16392	1.31%	0.285%
248	14.789	14.750	14.797	VV	292	6822	0.54%	0.119%
249	14.823	14.797	14.849	VV	470	9020	0.72%	0.157%
250	14.884	14.849	14.955	VV	551	16919	1.35%	0.294%
251	14.989	14.955	15.000	VV	252	5202	0.41%	0.090%
252	15.008	15.000	15.020	VV	233	2335	0.19%	0.041%
253	15.061	15.020	15.204	VV	81945	1256025	100.00%	21.830%
254	15.265	15.204	15.290	VV	2168	47583	3.79%	0.827%
255	15.313	15.290	15.391	VV	2112	43274	3.45%	0.752%
256	15.403	15.391	15.415	VV	112	1090	0.09%	0.019%
257	15.439	15.415	15.500	PV	613	15588	1.24%	0.271%
258	15.505	15.500	15.542	VV	91	2143	0.17%	0.037%
259	15.607	15.542	15.617	PV	156	4447	0.35%	0.077%
260	15.653	15.617	15.760	VV	15330	395923	31.52%	6.881%
261	15.792	15.760	15.831	VV	2689	65517	5.22%	1.139%
262	15.858	15.831	15.892	VV	1605	24573	1.96%	0.427%
263	15.923	15.892	15.943	VV	303	5704	0.45%	0.099%
264	15.960	15.943	15.968	VV	150	2126	0.17%	0.037%
265	15.978	15.968	16.009	VV	172	2069	0.16%	0.036%
266	16.079	16.009	16.100	PV	319	9807	0.78%	0.170%
267	16.109	16.100	16.139	VV	294	3332	0.27%	0.058%
268	16.183	16.139	16.225	VV	540	15011	1.20%	0.261%
269	16.253	16.225	16.267	VV	300	5168	0.41%	0.090%
270	16.291	16.267	16.337	VV	2389	35662	2.84%	0.620%
271	16.357	16.337	16.400	VV	379	6609	0.53%	0.115%
272	16.431	16.400	16.465	PV	424	8663	0.69%	0.151%
273	16.510	16.465	16.565	VV	324	11607	0.92%	0.202%
274	16.604	16.565	16.647	VV	1147	30337	2.42%	0.527%
275	16.683	16.647	16.702	VV	1546	34906	2.78%	0.607%
276	16.741	16.702	16.757	VV	1913	44370	3.53%	0.771%
277	16.777	16.757	16.822	VV	3131	62817	5.00%	1.092%
278	16.857	16.822	16.888	VV	1713	47934	3.82%	0.833%
279	16.897	16.888	16.909	VV	823	9692	0.77%	0.168%
280	16.951	16.909	16.960	VV	1128	29164	2.32%	0.507%
281	16.977	16.960	17.045	VV	1337	44858	3.57%	0.780%
282	17.066	17.045	17.112	VV	992	28783	2.29%	0.500%
283	17.142	17.112	17.186	VV	1128	35547	2.83%	0.618%
284	17.211	17.186	17.224	VV	1308	22183	1.77%	0.386%
285	17.245	17.224	17.270	VV	3474	58179	4.63%	1.011%
286	17.294	17.270	17.360	VV	5334	91495	7.28%	1.590%
287	17.374	17.360	17.400	VBA	234	4862	0.39%	0.085%
Sum of corrected areas:						5753770		

FF100225.M Thu Oct 23 01:29:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Operator : YP\AJ
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BL

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Oct 22 13:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 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...	15.062	1339249	11.387 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

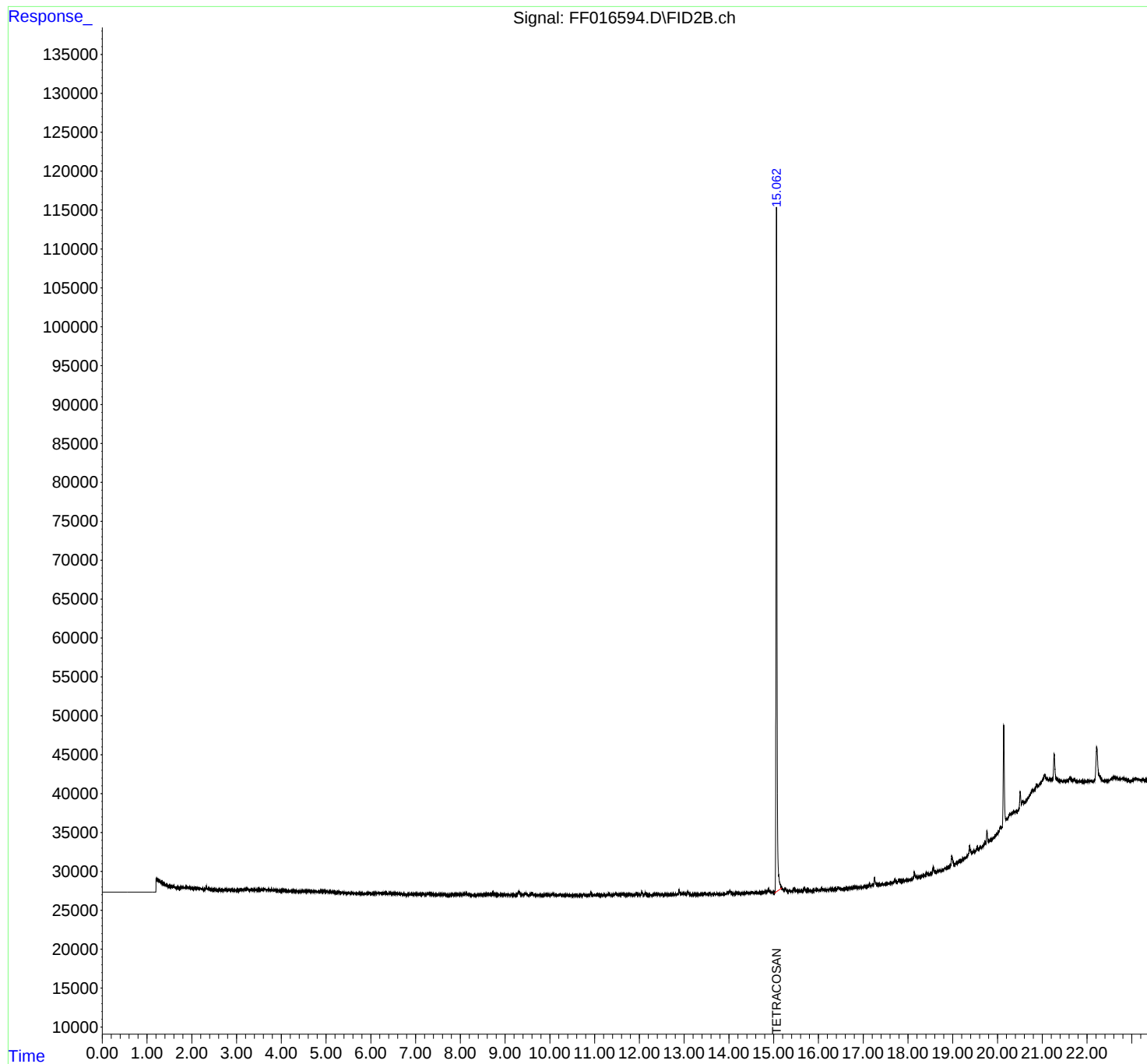
(m)=manual int.

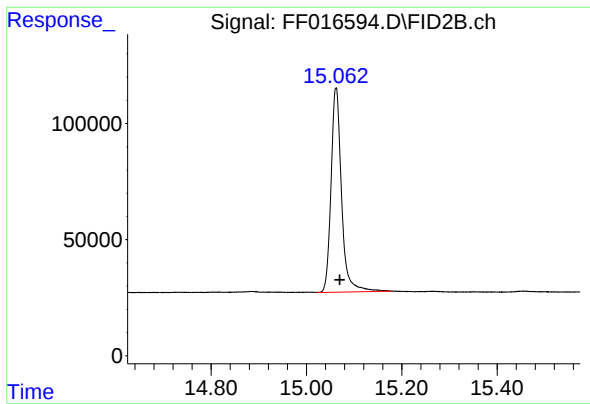
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Operator : YP\AJ
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BL

Integration File: autoint1.e
Quant Time: Oct 22 13:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#9 TETRACOSANE-d50 (SURROGATE)

Sample Results: **FF016594.D**

R.T.: 15.062 min
Delta R.T.: -0.008 min
Response: 1339249
Conc: 11.39 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170209BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.062	15.020	15.179	BB	87944	1339249	100.00%	100.000%
Sum of corrected areas:						1339249		

FF100225.M Thu Oct 23 01:27:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016595.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 14:03
 Operator : YP\AJ
 Sample : PB170209BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170209BS

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Integration File: autoint1.e
 Quant Time: Oct 22 14:17:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 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...	15.062	1802324	15.324 ug/ml
Target Compounds			
2) N-DECANE	4.576	1853794	15.420 ug/ml
3) N-DODECANE	6.755	1898671	15.577 ug/ml
4) N-TETRADECANE	8.588	1943510	15.790 ug/ml
5) N-HEXADECANE	10.198	1971445	15.753 ug/ml
6) N-OCTADECANE	11.644	2019550	15.542 ug/ml
7) N-EICOSANE	12.957	2064634	15.483 ug/ml
8) N-DOCOSANE	14.159	1991408	15.193 ug/ml
10) N-TETRACOSANE	15.266	1964868	14.834 ug/ml
11) N-HEXACOSANE	16.291	1897658	14.369 ug/ml
12) N-OCTACOSANE	17.245	1889610	14.388 ug/ml

(f)=RT Delta > 1/2 Window

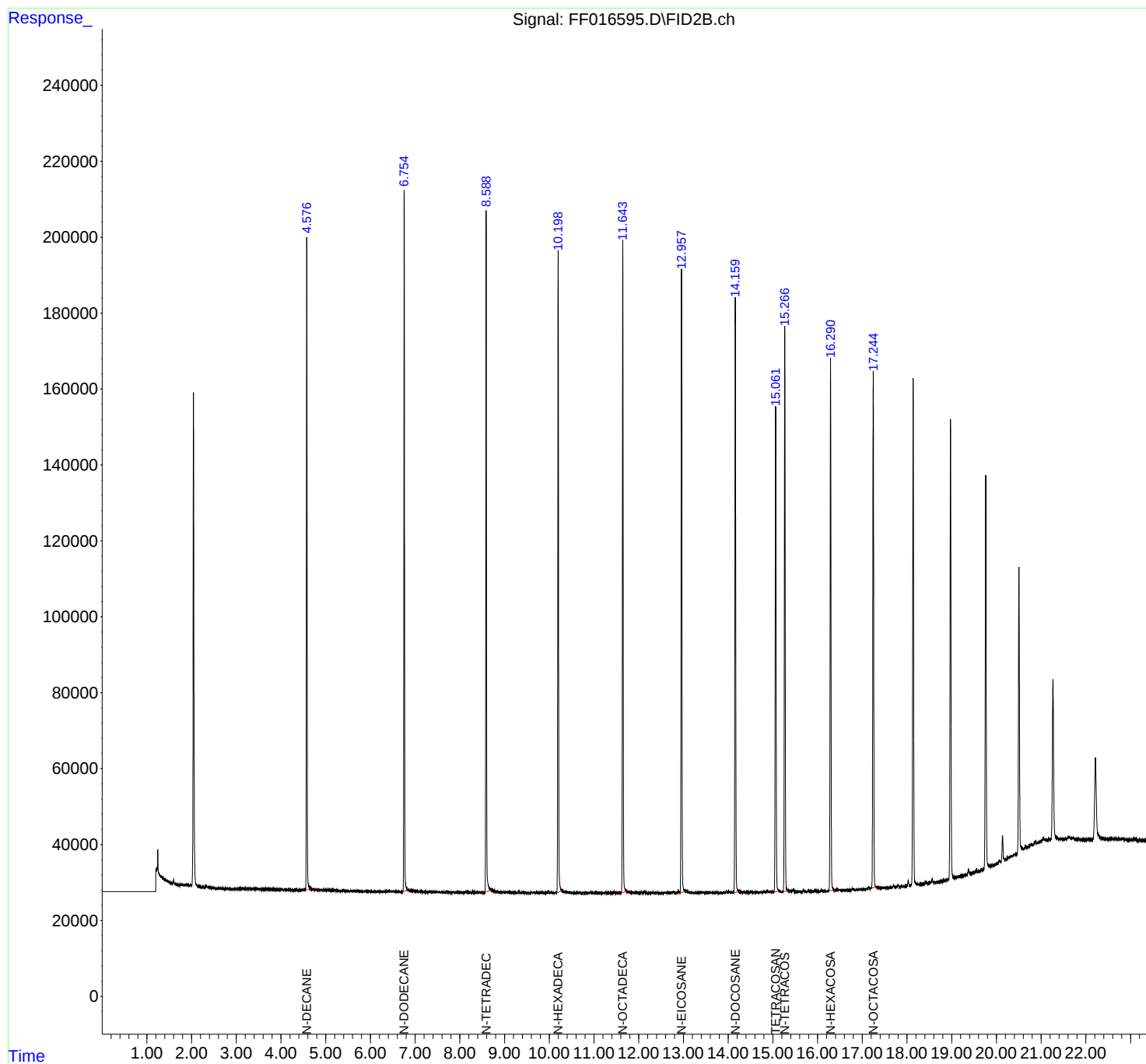
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016595.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:03
Operator : YP\AJ
Sample : PB170209BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BS

Integration File: autoint1.e
Quant Time: Oct 22 14:17:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016595.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 14:03
 Sample : PB170209BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.576	4.542	4.664	BB	171723	1853794	89.79%	8.704%
2	6.755	6.721	6.842	BB	184618	1898671	91.96%	8.915%
3	8.588	8.549	8.691	BB	178742	1943510	94.13%	9.126%
4	10.198	10.164	10.286	BB	168712	1971445	95.49%	9.257%
5	11.644	11.604	11.729	BB	171557	2019550	97.82%	9.483%
6	12.957	12.922	13.052	BB	163794	2064634	100.00%	9.694%
7	14.159	14.124	14.249	BB	156542	1991408	96.45%	9.350%
8	15.062	15.017	15.134	BB	127198	1802324	87.30%	8.463%
9	15.266	15.229	15.344	BB	148308	1964868	95.17%	9.226%
10	16.291	16.252	16.377	BB	140234	1897658	91.91%	8.910%
11	17.245	17.201	17.322	BB	135047	1889610	91.52%	8.872%
Sum of corrected areas:						21297472		

FF100225.M Thu Oct 23 01:27:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016597.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 15:13
 Operator : YP\AJ
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 COMP-ROLLOFFMS

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Integration File: autoint1.e
 Quant Time: Oct 22 15:20:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 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...	15.062	1217883	10.355 ug/ml
Target Compounds			
2) N-DECANE	4.576	1627447	13.537 ug/ml
3) N-DODECANE	6.754	1715883	14.078 ug/ml
4) N-TETRADECANE	8.587	1769814	14.379 ug/ml
5) N-HEXADECANE	10.197	1851051	14.791 ug/ml
6) N-OCTADECANE	11.643	1888261	14.531 ug/ml
7) N-EICOSANE	12.956	1933172	14.498 ug/ml
8) N-DOCOSANE	14.159	1874779	14.303 ug/ml
10) N-TETRACOSANE	15.266	1824860	13.777 ug/ml
11) N-HEXACOSANE	16.291	1787647	13.536 ug/ml
12) N-OCTACOSANE	17.246	1792982	13.652 ug/ml

(f)=RT Delta > 1/2 Window

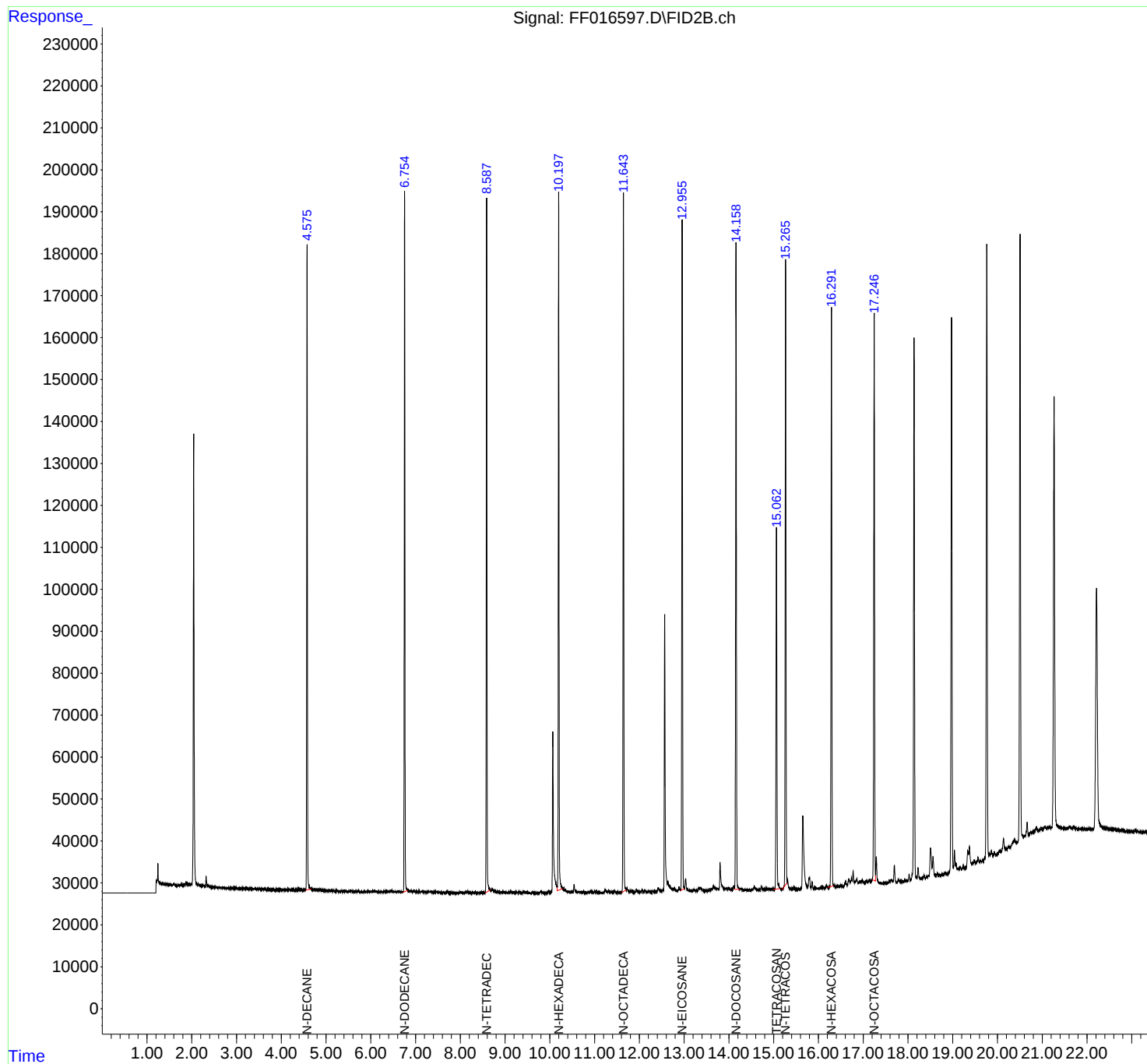
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016597.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:13
Operator : YP\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMS

Integration File: autoint1.e
Quant Time: Oct 22 15:20:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016597.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 15:13
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.414	4.400	4.420	BV	75	280	0.01%	0.001%
2	4.425	4.420	4.449	PV	114	1167	0.06%	0.005%
3	4.453	4.449	4.463	VV	123	645	0.03%	0.003%
4	4.466	4.463	4.477	VV	109	639	0.03%	0.003%
5	4.489	4.477	4.496	PV	119	626	0.03%	0.003%
6	4.519	4.496	4.541	PV	175	2758	0.14%	0.012%
7	4.576	4.541	4.679	VV	154005	1648529	84.04%	6.879%
8	4.683	4.679	4.689	VV	367	2027	0.10%	0.008%
9	4.693	4.689	4.728	VV	369	5885	0.30%	0.025%
10	4.746	4.728	4.771	VV	645	9382	0.48%	0.039%
11	4.774	4.771	4.784	VV	266	1703	0.09%	0.007%
12	4.793	4.784	4.803	VV	259	2211	0.11%	0.009%
13	4.815	4.803	4.849	VV	270	5321	0.27%	0.022%
14	4.866	4.849	4.877	VV	301	3610	0.18%	0.015%
15	4.882	4.877	4.921	VV	276	5377	0.27%	0.022%
16	4.925	4.921	4.939	VV	200	1796	0.09%	0.007%
17	4.941	4.939	4.951	VV	174	1109	0.06%	0.005%
18	4.955	4.951	4.960	VV	147	817	0.04%	0.003%
19	4.967	4.960	5.007	VV	204	4059	0.21%	0.017%
20	5.028	5.007	5.035	VV	229	2667	0.14%	0.011%
21	5.046	5.035	5.075	VV	209	3322	0.17%	0.014%
22	5.085	5.075	5.104	VV	187	2281	0.12%	0.010%
23	5.109	5.104	5.124	VV	135	1041	0.05%	0.004%
24	5.142	5.124	5.154	VV	214	2095	0.11%	0.009%
25	5.166	5.154	5.194	VV	169	2145	0.11%	0.009%
26	5.200	5.194	5.221	VV	161	1639	0.08%	0.007%
27	5.238	5.221	5.274	VV	307	4677	0.24%	0.020%
28	5.278	5.274	5.284	VV	104	336	0.02%	0.001%
29	5.288	5.284	5.296	VV	113	421	0.02%	0.002%
30	5.299	5.296	5.307	VV	96	341	0.02%	0.001%
31	5.312	5.307	5.330	PV	110	709	0.04%	0.003%
32	5.333	5.330	5.339	VV	87	282	0.01%	0.001%
33	5.344	5.339	5.375	VV	120	1564	0.08%	0.007%
34	5.385	5.375	5.391	VV	151	986	0.05%	0.004%
35	5.398	5.391	5.402	VV	165	798	0.04%	0.003%
36	5.410	5.402	5.419	VV	181	1358	0.07%	0.006%

					rteres			
37	5.423	5.419	5.431	VV	103	638	0.03%	0.003%
38	5.435	5.431	5.446	VV	150	705	0.04%	0.003%
39	5.453	5.446	5.473	VV	118	1194	0.06%	0.005%
40	5.477	5.473	5.490	VV	113	750	0.04%	0.003%
41	5.498	5.490	5.504	VV	88	464	0.02%	0.002%
42	5.507	5.504	5.512	VV	124	371	0.02%	0.002%
43	5.542	5.512	5.547	VV	234	3298	0.17%	0.014%
44	5.556	5.547	5.594	VV	265	4254	0.22%	0.018%
45	5.607	5.594	5.625	VV	168	1240	0.06%	0.005%
46	5.635	5.625	5.643	VV	122	832	0.04%	0.003%
47	5.648	5.643	5.678	VV	126	1554	0.08%	0.006%
48	5.720	5.678	5.738	VV	386	5294	0.27%	0.022%
49	5.742	5.738	5.747	VV	109	451	0.02%	0.002%
50	5.786	5.747	5.808	PV	148	2572	0.13%	0.011%
51	5.814	5.808	5.819	PV	84	301	0.02%	0.001%
52	5.826	5.819	5.831	VV	107	392	0.02%	0.002%
53	5.854	5.831	5.859	PV	126	1146	0.06%	0.005%
54	5.864	5.859	5.870	VV	143	695	0.04%	0.003%
55	5.877	5.870	5.885	VV	194	1007	0.05%	0.004%
56	5.889	5.885	5.904	VV	101	977	0.05%	0.004%
57	5.912	5.904	5.916	VV	106	658	0.03%	0.003%
58	5.920	5.916	5.933	VV	135	871	0.04%	0.004%
59	5.939	5.933	5.958	VV	122	1356	0.07%	0.006%
60	5.973	5.958	5.980	VV	198	1973	0.10%	0.008%
61	5.984	5.980	5.996	VV	207	1620	0.08%	0.007%
62	6.001	5.996	6.006	VV	138	650	0.03%	0.003%
63	6.012	6.006	6.017	VV	140	776	0.04%	0.003%
64	6.043	6.017	6.066	VV	312	5351	0.27%	0.022%
65	6.091	6.066	6.127	VV	372	7370	0.38%	0.031%
66	6.133	6.127	6.141	VV	167	1050	0.05%	0.004%
67	6.143	6.141	6.152	VV	137	581	0.03%	0.002%
68	6.166	6.152	6.173	VV	145	1145	0.06%	0.005%
69	6.178	6.173	6.195	VV	150	1295	0.07%	0.005%
70	6.200	6.195	6.214	VV	114	1061	0.05%	0.004%
71	6.217	6.214	6.260	VV	161	2832	0.14%	0.012%
72	6.266	6.260	6.270	VV	141	534	0.03%	0.002%
73	6.289	6.270	6.308	VV	240	3633	0.19%	0.015%
74	6.325	6.308	6.352	VV	196	4169	0.21%	0.017%
75	6.360	6.352	6.364	VV	179	1132	0.06%	0.005%
76	6.374	6.364	6.394	VV	238	3293	0.17%	0.014%
77	6.397	6.394	6.424	VV	246	2914	0.15%	0.012%
78	6.443	6.424	6.454	VV	326	4039	0.21%	0.017%
79	6.470	6.454	6.507	VV	426	7886	0.40%	0.033%
80	6.514	6.507	6.523	VV	195	1257	0.06%	0.005%
81	6.526	6.523	6.534	VV	179	963	0.05%	0.004%
82	6.548	6.534	6.559	VV	247	2782	0.14%	0.012%
83	6.562	6.559	6.579	VV	194	1838	0.09%	0.008%
84	6.597	6.579	6.633	VV	376	8054	0.41%	0.034%
85	6.638	6.633	6.674	VV	254	4425	0.23%	0.018%
86	6.684	6.674	6.697	VV	183	1646	0.08%	0.007%
87	6.701	6.697	6.714	VV	148	849	0.04%	0.004%
88	6.754	6.714	6.829	VV	167047	1736744	88.54%	7.247%
89	6.831	6.829	6.851	VV	630	6292	0.32%	0.026%

					rt	ret	area	%area	%area
90	6.855	6.851	6.871	VV	419	4829	0.25%	0.020%	
91	6.876	6.871	6.893	VV	406	4616	0.24%	0.019%	
92	6.901	6.893	6.914	VV	452	5034	0.26%	0.021%	
93	6.919	6.914	6.940	VV	434	5234	0.27%	0.022%	
94	6.950	6.940	6.958	VV	354	3092	0.16%	0.013%	
95	6.972	6.958	6.979	VV	369	4112	0.21%	0.017%	
96	6.984	6.979	7.003	VV	370	4028	0.21%	0.017%	
97	7.019	7.003	7.039	VV	391	6906	0.35%	0.029%	
98	7.043	7.039	7.052	VV	314	2016	0.10%	0.008%	
99	7.057	7.052	7.095	VV	397	6361	0.32%	0.027%	
100	7.102	7.095	7.109	VV	239	1581	0.08%	0.007%	
101	7.112	7.109	7.116	VV	214	780	0.04%	0.003%	
102	7.148	7.116	7.163	VV	310	6241	0.32%	0.026%	
103	7.168	7.163	7.180	VV	264	1989	0.10%	0.008%	
104	7.190	7.180	7.199	VV	248	2160	0.11%	0.009%	
105	7.217	7.199	7.231	VV	228	3694	0.19%	0.015%	
106	7.238	7.231	7.285	VV	257	6476	0.33%	0.027%	
107	7.294	7.285	7.300	VV	282	2084	0.11%	0.009%	
108	7.308	7.300	7.313	VV	334	2117	0.11%	0.009%	
109	7.325	7.313	7.330	VV	293	2718	0.14%	0.011%	
110	7.338	7.330	7.353	VV	269	3081	0.16%	0.013%	
111	7.358	7.353	7.374	VV	238	2200	0.11%	0.009%	
112	7.382	7.374	7.387	VV	238	1597	0.08%	0.007%	
113	7.391	7.387	7.397	VV	233	1155	0.06%	0.005%	
114	7.404	7.397	7.412	VV	186	1472	0.08%	0.006%	
115	7.432	7.412	7.467	VV	292	7243	0.37%	0.030%	
116	7.478	7.467	7.517	VV	364	5779	0.29%	0.024%	
117	7.522	7.517	7.528	VV	167	878	0.04%	0.004%	
118	7.537	7.528	7.555	VV	249	2529	0.13%	0.011%	
119	7.570	7.555	7.578	VV	133	1357	0.07%	0.006%	
120	7.592	7.578	7.624	VV	207	3603	0.18%	0.015%	
121	7.629	7.624	7.635	VV	128	654	0.03%	0.003%	
122	7.648	7.635	7.673	VV	194	2532	0.13%	0.011%	
123	7.678	7.673	7.687	VV	120	740	0.04%	0.003%	
124	7.709	7.687	7.763	VV	377	7256	0.37%	0.030%	
125	7.792	7.763	7.831	VV	123	3136	0.16%	0.013%	
126	7.838	7.831	7.858	VV	112	1154	0.06%	0.005%	
127	7.881	7.858	7.894	VV	140	1716	0.09%	0.007%	
128	7.897	7.894	7.924	VV	121	1195	0.06%	0.005%	
129	7.944	7.924	7.951	PV	108	877	0.04%	0.004%	
130	7.956	7.951	7.967	VV	177	763	0.04%	0.003%	
131	7.992	7.967	8.048	VV	420	9507	0.48%	0.040%	
132	8.054	8.048	8.059	VV	142	643	0.03%	0.003%	
133	8.064	8.059	8.089	VV	153	1668	0.09%	0.007%	
134	8.127	8.089	8.148	VV	321	7477	0.38%	0.031%	
135	8.164	8.148	8.202	VV	434	7100	0.36%	0.030%	
136	8.208	8.202	8.214	VV	86	508	0.03%	0.002%	
137	8.225	8.214	8.247	VV	146	1874	0.10%	0.008%	
138	8.251	8.247	8.257	VV	145	606	0.03%	0.003%	
139	8.283	8.257	8.299	VV	330	4283	0.22%	0.018%	
140	8.319	8.299	8.327	VV	209	2557	0.13%	0.011%	
141	8.331	8.327	8.351	VV	245	2439	0.12%	0.010%	

					rteres			
142	8.356	8.351	8.387	VV	156	1642	0.08%	0.007%
143	8.409	8.387	8.424	VV	188	2680	0.14%	0.011%
144	8.429	8.424	8.441	VV	112	932	0.05%	0.004%
145	8.446	8.441	8.450	VV	126	496	0.03%	0.002%
146	8.453	8.450	8.459	VV	88	470	0.02%	0.002%
147	8.493	8.459	8.511	VV	209	4590	0.23%	0.019%
148	8.526	8.511	8.531	VV	198	1819	0.09%	0.008%
149	8.543	8.531	8.552	VV	142	1504	0.08%	0.006%
150	8.587	8.552	8.691	VV	165738	1811428	92.35%	7.558%
151	8.709	8.691	8.884	VV	923	58065	2.96%	0.242%
152	8.891	8.884	8.898	VV	269	1888	0.10%	0.008%
153	8.919	8.898	8.932	VV	279	5039	0.26%	0.021%
154	8.948	8.932	8.992	VV	417	8794	0.45%	0.037%
155	9.008	8.992	9.012	VV	255	2150	0.11%	0.009%
156	9.018	9.012	9.064	VV	277	6007	0.31%	0.025%
157	9.082	9.064	9.102	VV	367	5879	0.30%	0.025%
158	9.126	9.102	9.166	VV	570	11913	0.61%	0.050%
159	9.182	9.166	9.193	VV	228	2761	0.14%	0.012%
160	9.214	9.193	9.224	VV	238	3354	0.17%	0.014%
161	9.239	9.224	9.289	VV	290	7372	0.38%	0.031%
162	9.315	9.289	9.398	VV	500	16070	0.82%	0.067%
163	9.418	9.398	9.449	VV	623	10170	0.52%	0.042%
164	9.459	9.449	9.490	VV	293	5603	0.29%	0.023%
165	9.499	9.490	9.526	VV	216	2580	0.13%	0.011%
166	9.554	9.526	9.562	VV	133	1964	0.10%	0.008%
167	9.566	9.562	9.575	VV	123	706	0.04%	0.003%
168	9.581	9.575	9.584	VV	83	356	0.02%	0.001%
169	9.607	9.584	9.643	VV	317	5653	0.29%	0.024%
170	9.658	9.643	9.681	VV	162	2503	0.13%	0.010%
171	9.683	9.681	9.695	VV	144	726	0.04%	0.003%
172	9.718	9.695	9.737	VV	186	2430	0.12%	0.010%
173	9.741	9.737	9.747	PV	35	186	0.01%	0.001%
174	9.802	9.747	9.821	VV	616	12356	0.63%	0.052%
175	9.837	9.821	9.861	VV	374	5843	0.30%	0.024%
176	9.864	9.861	9.876	VV	126	938	0.05%	0.004%
177	9.882	9.876	9.897	VV	173	1250	0.06%	0.005%
178	9.934	9.897	9.951	VV	231	4187	0.21%	0.017%
179	9.977	9.951	10.002	VV	722	9146	0.47%	0.038%
180	10.033	10.002	10.042	VV	547	6329	0.32%	0.026%
181	10.066	10.042	10.164	VV	38478	636760	32.46%	2.657%
182	10.197	10.164	10.299	VV	167491	1922166	97.99%	8.020%
183	10.302	10.299	10.347	VV	1159	24346	1.24%	0.102%
184	10.355	10.347	10.396	VV	673	16219	0.83%	0.068%
185	10.404	10.396	10.415	VV	390	4155	0.21%	0.017%
186	10.429	10.415	10.447	VV	433	6654	0.34%	0.028%
187	10.453	10.447	10.484	VV	316	5829	0.30%	0.024%
188	10.487	10.484	10.507	VV	263	3077	0.16%	0.013%
189	10.541	10.507	10.575	VV	2062	34077	1.74%	0.142%
190	10.581	10.575	10.610	VV	444	6778	0.35%	0.028%
191	10.621	10.610	10.637	VV	311	3880	0.20%	0.016%
192	10.643	10.637	10.661	VV	291	3243	0.17%	0.014%
193	10.679	10.661	10.702	VV	275	4885	0.25%	0.020%
194	10.718	10.702	10.741	VV	286	4038	0.21%	0.017%

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195	10.757	10.741	10.777	VV	287	4158	0.21%	0.017%
196	10.788	10.777	10.801	VV	111	1366	0.07%	0.006%
197	10.822	10.801	10.846	VV	251	4017	0.20%	0.017%
198	10.865	10.846	10.883	VV	249	3819	0.19%	0.016%
199	10.921	10.883	10.924	VV	377	6602	0.34%	0.028%
200	10.934	10.924	10.961	VV	442	6492	0.33%	0.027%
201	11.008	10.961	11.022	VV	334	6717	0.34%	0.028%
202	11.045	11.022	11.051	VV	301	3970	0.20%	0.017%
203	11.054	11.051	11.061	VV	225	1162	0.06%	0.005%
204	11.068	11.061	11.094	VV	226	2513	0.13%	0.010%
205	11.100	11.094	11.148	VV	132	2477	0.13%	0.010%
206	11.165	11.148	11.171	PV	122	808	0.04%	0.003%
207	11.175	11.171	11.187	VV	100	339	0.02%	0.001%
208	11.191	11.187	11.199	PV	66	228	0.01%	0.001%
209	11.232	11.199	11.281	VV	709	19723	1.01%	0.082%
210	11.293	11.281	11.297	VV	318	2905	0.15%	0.012%
211	11.313	11.297	11.349	VV	523	10774	0.55%	0.045%
212	11.358	11.349	11.403	VV	222	6038	0.31%	0.025%
213	11.448	11.403	11.523	VV	470	10813	0.55%	0.045%
214	11.576	11.523	11.596	VV	142	2485	0.13%	0.010%
215	11.643	11.596	11.710	VV	166934	1911967	97.47%	7.978%
216	11.724	11.710	11.776	VV	952	23112	1.18%	0.096%
217	11.803	11.776	11.823	VV	529	9373	0.48%	0.039%
218	11.837	11.823	11.864	VV	318	4780	0.24%	0.020%
219	11.925	11.864	11.980	VV	591	18135	0.92%	0.076%
220	11.994	11.980	12.022	VV	268	4575	0.23%	0.019%
221	12.065	12.022	12.101	VV	493	13631	0.69%	0.057%
222	12.129	12.101	12.152	VV	627	8539	0.44%	0.036%
223	12.201	12.152	12.231	VV	213	5423	0.28%	0.023%
224	12.237	12.231	12.261	VV	118	1069	0.05%	0.004%
225	12.265	12.261	12.277	VV	81	630	0.03%	0.003%
226	12.313	12.277	12.335	PV	340	7112	0.36%	0.030%
227	12.368	12.335	12.384	VV	250	5707	0.29%	0.024%
228	12.421	12.384	12.495	VV	1120	34715	1.77%	0.145%
229	12.525	12.495	12.536	VV	536	8527	0.43%	0.036%
230	12.566	12.536	12.631	VV	66179	870917	44.40%	3.634%
231	12.640	12.631	12.659	VV	2401	34502	1.76%	0.144%
232	12.668	12.659	12.762	VV	1676	59989	3.06%	0.250%
233	12.780	12.762	12.856	VV	910	27454	1.40%	0.115%
234	12.886	12.856	12.921	VV	1279	25095	1.28%	0.105%
235	12.956	12.921	13.007	VV	159586	1961528	100.00%	8.185%
236	13.033	13.007	13.064	VV	3086	57366	2.92%	0.239%
237	13.076	13.064	13.145	VV	590	16498	0.84%	0.069%
238	13.176	13.145	13.189	VV	227	5104	0.26%	0.021%
239	13.217	13.189	13.306	VV	493	18688	0.95%	0.078%
240	13.328	13.306	13.342	VV	799	12901	0.66%	0.054%
241	13.368	13.342	13.432	VV	986	30943	1.58%	0.129%
242	13.442	13.432	13.470	VV	256	4690	0.24%	0.020%
243	13.479	13.470	13.500	VV	223	2750	0.14%	0.011%
244	13.514	13.500	13.547	VV	154	2931	0.15%	0.012%
245	13.573	13.547	13.594	VV	637	9300	0.47%	0.039%
246	13.618	13.594	13.631	VV	625	10914	0.56%	0.046%

rteres								
247	13.651	13.631	13.736	VV	1178	49673	2.53%	0.207%
248	13.747	13.736	13.772	VV	617	11519	0.59%	0.048%
249	13.803	13.772	13.931	VV	6825	155986	7.95%	0.651%
250	13.951	13.931	13.984	VV	631	17153	0.87%	0.072%
251	14.000	13.984	14.017	VV	655	11196	0.57%	0.047%
252	14.024	14.017	14.056	VV	539	8824	0.45%	0.037%
253	14.109	14.056	14.125	VV	1182	24889	1.27%	0.104%
254	14.159	14.125	14.237	VV	154503	1899321	96.83%	7.925%
255	14.273	14.237	14.337	VV	535	18997	0.97%	0.079%
256	14.374	14.337	14.477	VV	250	10753	0.55%	0.045%
257	14.522	14.477	14.535	PV	306	4723	0.24%	0.020%
258	14.563	14.535	14.659	VV	838	28419	1.45%	0.119%
259	14.669	14.659	14.694	VV	157	2292	0.12%	0.010%
260	14.723	14.694	14.759	VV	1044	15929	0.81%	0.066%
261	14.765	14.759	14.778	VV	237	2357	0.12%	0.010%
262	14.789	14.778	14.801	VV	247	2914	0.15%	0.012%
263	14.827	14.801	14.852	VV	430	8358	0.43%	0.035%
264	14.883	14.852	14.909	VV	360	8291	0.42%	0.035%
265	14.918	14.909	14.948	VV	202	3719	0.19%	0.016%
266	14.981	14.948	15.021	VV	294	9314	0.47%	0.039%
267	15.062	15.021	15.197	VV	86685	1241304	63.28%	5.179%
268	15.266	15.197	15.299	VV	149830	1881428	95.92%	7.850%
269	15.311	15.299	15.406	VV	2438	45606	2.33%	0.190%
270	15.414	15.406	15.421	VV	105	875	0.04%	0.004%
271	15.443	15.421	15.499	VV	408	11182	0.57%	0.047%
272	15.512	15.499	15.542	PV	160	1947	0.10%	0.008%
273	15.607	15.542	15.619	VV	206	5523	0.28%	0.023%
274	15.651	15.619	15.764	VV	17218	440517	22.46%	1.838%
275	15.801	15.764	15.831	VV	2599	63800	3.25%	0.266%
276	15.859	15.831	15.889	VV	1730	25741	1.31%	0.107%
277	15.920	15.889	15.944	VV	362	7481	0.38%	0.031%
278	15.956	15.944	16.006	VV	204	3890	0.20%	0.016%
279	16.041	16.006	16.096	PV	360	9251	0.47%	0.039%
280	16.109	16.096	16.141	VV	299	4339	0.22%	0.018%
281	16.179	16.141	16.229	VV	604	15321	0.78%	0.064%
282	16.291	16.229	16.340	VV	137905	1809603	92.25%	7.551%
283	16.353	16.340	16.402	VV	529	10665	0.54%	0.044%
284	16.431	16.402	16.457	VV	333	6661	0.34%	0.028%
285	16.496	16.457	16.556	VV	398	12903	0.66%	0.054%
286	16.606	16.556	16.644	PV	1082	27916	1.42%	0.116%
287	16.680	16.644	16.705	VV	1766	42084	2.15%	0.176%
288	16.741	16.705	16.757	VV	1984	43565	2.22%	0.182%
289	16.776	16.757	16.819	VV	3498	63373	3.23%	0.264%
290	16.858	16.819	16.882	VV	1683	44222	2.25%	0.185%
291	16.946	16.882	16.959	VV	1035	38897	1.98%	0.162%
292	16.975	16.959	17.049	VV	1288	43901	2.24%	0.183%
293	17.066	17.049	17.107	VV	954	26114	1.33%	0.109%
294	17.139	17.107	17.183	VV	1078	37521	1.91%	0.157%
295	17.246	17.183	17.276	VV	136191	1843939	94.01%	7.694%
296	17.294	17.276	17.364	VV	6551	107260	5.47%	0.448%
297	17.377	17.364	17.401	VBA	339	4887	0.25%	0.020%
Sum of corrected areas:						23965924		

rteres

FF100225.M Thu Oct 23 01:30:23 2025

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016598.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Oct 23 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 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...	15.061	1267907	10.780 ug/ml
Target Compounds				
2)	N-DECANE	4.576	1663829	13.840 ug/ml
3)	N-DODECANE	6.755	1766231	14.491 ug/ml
4)	N-TETRADECANE	8.588	1822423	14.806 ug/ml
5)	N-HEXADECANE	10.198	1916385	15.313 ug/ml
6)	N-OCTADECANE	11.644	1948242	14.993 ug/ml
7)	N-EICOSANE	12.958	2002721	15.019 ug/ml
8)	N-DOCOSANE	14.159	1942208	14.817 ug/ml
10)	N-TETRACOSANE	15.267	1906096	14.390 ug/ml
11)	N-HEXACOSANE	16.291	1865851	14.128 ug/ml
12)	N-OCTACOSANE	17.245	1861679	14.175 ug/ml

(f)=RT Delta > 1/2 Window

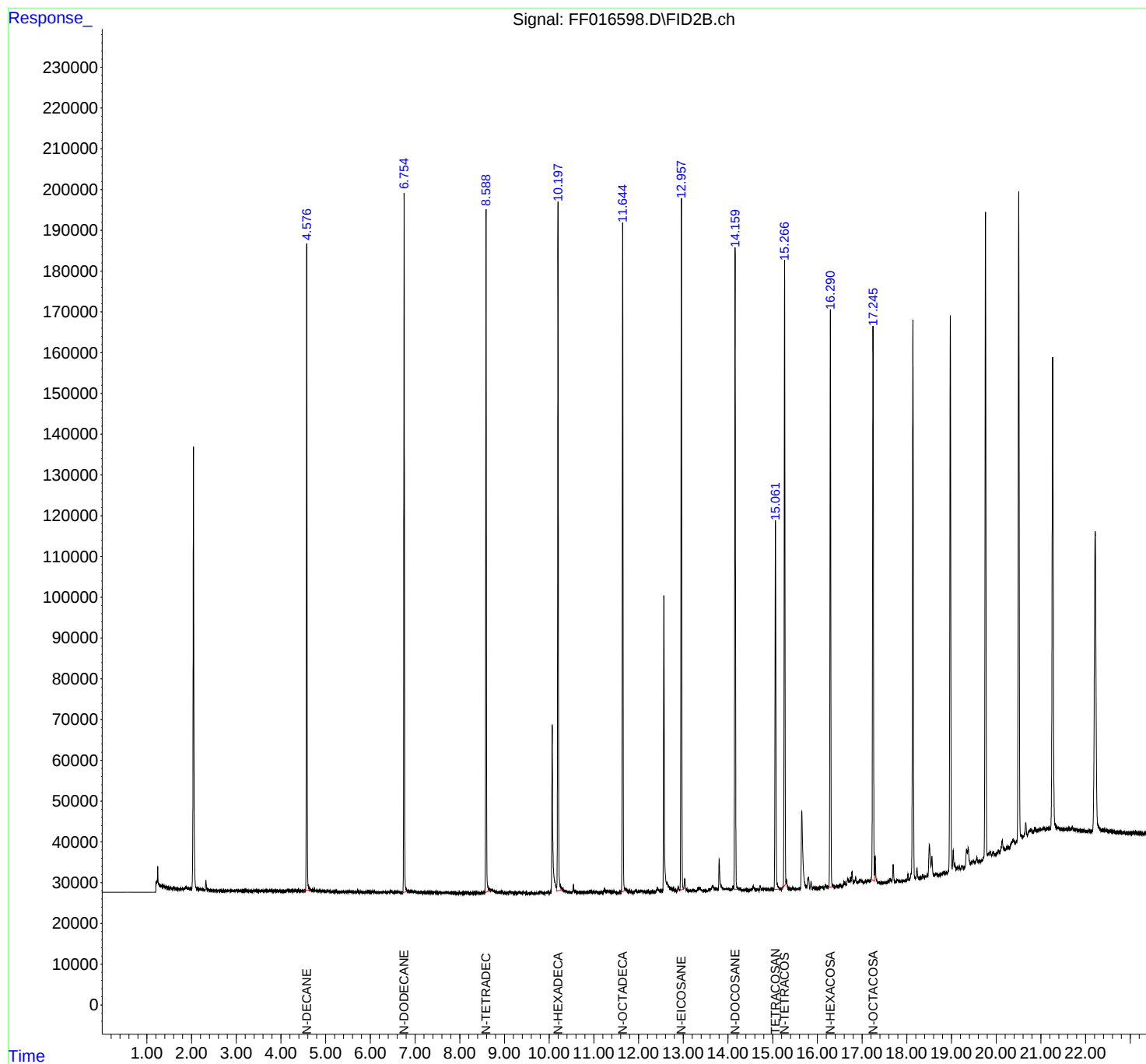
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016598.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMSD

Integration File: autoint1.e
Quant Time: Oct 23 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
 Data File : FF016598.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2025 15:42
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.446	4.418	4.453	BV	89	460	0.02%	0.002%
2	4.458	4.453	4.462	PV	108	430	0.02%	0.002%
3	4.474	4.462	4.483	VV	123	863	0.04%	0.003%
4	4.508	4.483	4.534	PV	159	2732	0.13%	0.011%
5	4.576	4.534	4.688	VV	158679	1693945	83.31%	6.811%
6	4.694	4.688	4.698	VV	412	2114	0.10%	0.008%
7	4.701	4.698	4.713	VV	378	3111	0.15%	0.013%
8	4.717	4.713	4.722	VV	302	1423	0.07%	0.006%
9	4.745	4.722	4.779	VV	727	13683	0.67%	0.055%
10	4.782	4.779	4.789	VV	268	1386	0.07%	0.006%
11	4.796	4.789	4.807	VV	284	2405	0.12%	0.010%
12	4.814	4.807	4.845	VV	316	4869	0.24%	0.020%
13	4.859	4.845	4.877	VV	269	3730	0.18%	0.015%
14	4.895	4.877	4.917	VV	265	4866	0.24%	0.020%
15	4.922	4.917	4.988	VV	250	7007	0.34%	0.028%
16	4.999	4.988	5.016	VV	204	2306	0.11%	0.009%
17	5.046	5.016	5.085	VV	238	7267	0.36%	0.029%
18	5.094	5.085	5.111	VV	224	2339	0.12%	0.009%
19	5.115	5.111	5.118	VV	170	585	0.03%	0.002%
20	5.121	5.118	5.139	VV	152	1664	0.08%	0.007%
21	5.147	5.139	5.155	VV	172	1088	0.05%	0.004%
22	5.168	5.155	5.188	VV	153	1940	0.10%	0.008%
23	5.192	5.188	5.210	VV	143	960	0.05%	0.004%
24	5.237	5.210	5.256	PV	346	4648	0.23%	0.019%
25	5.261	5.256	5.266	VV	148	571	0.03%	0.002%
26	5.271	5.266	5.307	VV	157	2081	0.10%	0.008%
27	5.312	5.307	5.322	PV	109	511	0.03%	0.002%
28	5.330	5.322	5.346	VV	90	924	0.05%	0.004%
29	5.355	5.346	5.361	VV	67	429	0.02%	0.002%
30	5.369	5.361	5.379	VV	108	824	0.04%	0.003%
31	5.390	5.379	5.398	VV	148	1105	0.05%	0.004%
32	5.400	5.398	5.405	VV	103	419	0.02%	0.002%
33	5.410	5.405	5.435	VV	160	1483	0.07%	0.006%
34	5.450	5.435	5.454	VV	100	856	0.04%	0.003%
35	5.457	5.454	5.464	VV	116	497	0.02%	0.002%
36	5.469	5.464	5.488	VV	167	1507	0.07%	0.006%

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37	5.497	5.488	5.504	VV	141	817	0.04%	0.003%
38	5.509	5.504	5.517	VV	119	751	0.04%	0.003%
39	5.537	5.517	5.568	VV	309	6074	0.30%	0.024%
40	5.572	5.568	5.590	VV	200	1815	0.09%	0.007%
41	5.617	5.590	5.633	VV	160	3022	0.15%	0.012%
42	5.655	5.633	5.660	VV	181	1553	0.08%	0.006%
43	5.664	5.660	5.690	VV	161	1410	0.07%	0.006%
44	5.722	5.690	5.763	VV	487	7526	0.37%	0.030%
45	5.767	5.763	5.771	VV	123	424	0.02%	0.002%
46	5.778	5.771	5.783	VV	191	943	0.05%	0.004%
47	5.786	5.783	5.815	VV	228	2412	0.12%	0.010%
48	5.819	5.815	5.840	VV	218	1645	0.08%	0.007%
49	5.844	5.840	5.849	VV	161	643	0.03%	0.003%
50	5.857	5.849	5.894	VV	175	3114	0.15%	0.013%
51	5.916	5.894	5.922	VV	205	2225	0.11%	0.009%
52	5.925	5.922	5.954	VV	177	2367	0.12%	0.010%
53	5.959	5.954	5.970	VV	175	1393	0.07%	0.006%
54	5.979	5.970	5.985	VV	228	1694	0.08%	0.007%
55	5.995	5.985	6.020	VV	247	3136	0.15%	0.013%
56	6.042	6.020	6.069	VV	314	5232	0.26%	0.021%
57	6.093	6.069	6.147	VV	322	6975	0.34%	0.028%
58	6.154	6.147	6.162	VV	95	442	0.02%	0.002%
59	6.191	6.162	6.208	PV	138	1424	0.07%	0.006%
60	6.211	6.208	6.220	VV	75	400	0.02%	0.002%
61	6.241	6.220	6.249	VV	144	1615	0.08%	0.006%
62	6.255	6.249	6.261	VV	158	767	0.04%	0.003%
63	6.290	6.261	6.303	VV	318	4312	0.21%	0.017%
64	6.309	6.303	6.342	VV	215	3951	0.19%	0.016%
65	6.352	6.342	6.367	VV	219	2307	0.11%	0.009%
66	6.378	6.367	6.387	VV	211	2076	0.10%	0.008%
67	6.400	6.387	6.428	VV	265	5034	0.25%	0.020%
68	6.445	6.428	6.457	VV	355	4357	0.21%	0.018%
69	6.470	6.457	6.523	VV	490	9757	0.48%	0.039%
70	6.552	6.523	6.572	VV	286	4718	0.23%	0.019%
71	6.601	6.572	6.628	VV	334	7579	0.37%	0.030%
72	6.631	6.628	6.637	VV	226	1099	0.05%	0.004%
73	6.643	6.637	6.656	VV	223	2128	0.10%	0.009%
74	6.662	6.656	6.676	VV	177	1267	0.06%	0.005%
75	6.689	6.676	6.703	VV	131	1262	0.06%	0.005%
76	6.707	6.703	6.713	VV	90	365	0.02%	0.001%
77	6.755	6.713	6.836	PV	171567	1786037	87.84%	7.181%
78	6.841	6.836	6.848	VV	531	3506	0.17%	0.014%
79	6.852	6.848	6.885	VV	461	9454	0.46%	0.038%
80	6.909	6.885	6.955	VV	565	17281	0.85%	0.069%
81	6.981	6.955	7.014	VV	425	11894	0.58%	0.048%
82	7.026	7.014	7.030	VV	409	3367	0.17%	0.014%
83	7.035	7.030	7.056	VV	379	4408	0.22%	0.018%
84	7.064	7.056	7.071	VV	325	2246	0.11%	0.009%
85	7.081	7.071	7.087	VV	254	2178	0.11%	0.009%
86	7.093	7.087	7.112	VV	279	3083	0.15%	0.012%
87	7.118	7.112	7.134	VV	255	2556	0.13%	0.010%
88	7.137	7.134	7.145	VV	187	1237	0.06%	0.005%
89	7.146	7.145	7.157	VV	233	1376	0.07%	0.006%

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90	7.162	7.157	7.187	VV	218	3049	0.15%	0.012%	
91	7.191	7.187	7.197	VV	204	1127	0.06%	0.005%	
92	7.216	7.197	7.235	VV	271	4385	0.22%	0.018%	
93	7.237	7.235	7.251	VV	220	1631	0.08%	0.007%	
94	7.253	7.251	7.264	VV	180	1209	0.06%	0.005%	
95	7.270	7.264	7.276	VV	186	1277	0.06%	0.005%	
96	7.281	7.276	7.295	VV	208	2089	0.10%	0.008%	
97	7.298	7.295	7.314	VV	288	2682	0.13%	0.011%	
98	7.318	7.314	7.335	VV	238	2717	0.13%	0.011%	
99	7.337	7.335	7.356	VV	287	2399	0.12%	0.010%	
100	7.362	7.356	7.370	VV	205	1272	0.06%	0.005%	
101	7.375	7.370	7.390	VV	246	2227	0.11%	0.009%	
102	7.393	7.390	7.424	VV	221	3352	0.16%	0.013%	
103	7.438	7.424	7.454	VV	302	4087	0.20%	0.016%	
104	7.461	7.454	7.465	VV	228	1313	0.06%	0.005%	
105	7.478	7.465	7.515	VV	359	5517	0.27%	0.022%	
106	7.538	7.515	7.556	VV	233	3309	0.16%	0.013%	
107	7.584	7.556	7.598	VV	249	3552	0.17%	0.014%	
108	7.602	7.598	7.623	VV	219	2030	0.10%	0.008%	
109	7.630	7.623	7.640	VV	130	981	0.05%	0.004%	
110	7.650	7.640	7.665	VV	164	1821	0.09%	0.007%	
111	7.672	7.665	7.678	VV	137	807	0.04%	0.003%	
112	7.707	7.678	7.750	VV	414	8468	0.42%	0.034%	
113	7.754	7.750	7.767	VV	159	730	0.04%	0.003%	
114	7.771	7.767	7.778	VV	58	361	0.02%	0.001%	
115	7.787	7.778	7.799	VV	121	843	0.04%	0.003%	
116	7.805	7.799	7.820	VV	139	1123	0.06%	0.005%	
117	7.830	7.820	7.835	VV	94	665	0.03%	0.003%	
118	7.840	7.835	7.870	VV	112	1462	0.07%	0.006%	
119	7.873	7.870	7.919	VV	99	1418	0.07%	0.006%	
120	7.924	7.919	7.944	VV	74	489	0.02%	0.002%	
121	7.993	7.944	8.022	PV	430	7665	0.38%	0.031%	
122	8.030	8.022	8.037	VV	149	885	0.04%	0.004%	
123	8.041	8.037	8.061	VV	127	864	0.04%	0.003%	
124	8.071	8.061	8.085	VV	108	901	0.04%	0.004%	
125	8.121	8.085	8.152	VV	307	6807	0.33%	0.027%	
126	8.165	8.152	8.197	VV	462	6080	0.30%	0.024%	
127	8.208	8.197	8.213	VV	122	692	0.03%	0.003%	
128	8.216	8.213	8.220	VV	98	237	0.01%	0.001%	
129	8.223	8.220	8.227	VV	65	222	0.01%	0.001%	
130	8.232	8.227	8.253	VV	125	981	0.05%	0.004%	
131	8.282	8.253	8.302	PV	303	4440	0.22%	0.018%	
132	8.319	8.302	8.330	VV	254	2705	0.13%	0.011%	
133	8.341	8.330	8.362	VV	244	3013	0.15%	0.012%	
134	8.371	8.362	8.382	VV	158	1112	0.05%	0.004%	
135	8.409	8.382	8.447	VV	231	4531	0.22%	0.018%	
136	8.458	8.447	8.469	VV	125	1050	0.05%	0.004%	
137	8.494	8.469	8.514	VV	259	3993	0.20%	0.016%	
138	8.518	8.514	8.529	VV	170	1286	0.06%	0.005%	
139	8.588	8.529	8.692	VV	167946	1868863	91.92%	7.514%	
140	8.710	8.692	8.772	VV	914	34315	1.69%	0.138%	
141	8.777	8.772	8.796	VV	540	6556	0.32%	0.026%	

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142	8.814	8.796	8.821	VV	447	5906	0.29%	0.024%
143	8.822	8.821	8.832	VV	467	2892	0.14%	0.012%
144	8.835	8.832	8.859	VV	453	5436	0.27%	0.022%
145	8.863	8.859	8.869	VV	340	1823	0.09%	0.007%
146	8.873	8.869	8.878	VV	285	1445	0.07%	0.006%
147	8.884	8.878	8.894	VV	255	2451	0.12%	0.010%
148	8.907	8.894	8.915	VV	279	3097	0.15%	0.012%
149	8.920	8.915	8.937	VV	322	3533	0.17%	0.014%
150	8.951	8.937	8.985	VV	414	7464	0.37%	0.030%
151	9.006	8.985	9.011	VV	248	2902	0.14%	0.012%
152	9.021	9.011	9.036	VV	286	3793	0.19%	0.015%
153	9.042	9.036	9.049	VV	262	1467	0.07%	0.006%
154	9.076	9.049	9.092	VV	300	5208	0.26%	0.021%
155	9.129	9.092	9.164	VV	563	13566	0.67%	0.055%
156	9.170	9.164	9.193	VV	201	2693	0.13%	0.011%
157	9.203	9.193	9.207	VV	190	1139	0.06%	0.005%
158	9.234	9.207	9.263	VV	216	4732	0.23%	0.019%
159	9.285	9.263	9.294	VV	171	1970	0.10%	0.008%
160	9.316	9.294	9.381	VV	498	11803	0.58%	0.047%
161	9.387	9.381	9.396	VV	88	528	0.03%	0.002%
162	9.417	9.396	9.445	VV	562	7981	0.39%	0.032%
163	9.459	9.445	9.483	VV	276	4158	0.20%	0.017%
164	9.497	9.483	9.519	VV	146	1976	0.10%	0.008%
165	9.524	9.519	9.534	VV	90	516	0.03%	0.002%
166	9.560	9.534	9.581	VV	125	1636	0.08%	0.007%
167	9.606	9.581	9.639	VV	282	4776	0.23%	0.019%
168	9.651	9.639	9.667	VV	164	1448	0.07%	0.006%
169	9.674	9.667	9.688	VV	148	1223	0.06%	0.005%
170	9.716	9.688	9.741	VV	165	2135	0.11%	0.009%
171	9.746	9.741	9.754	PV	57	332	0.02%	0.001%
172	9.797	9.754	9.823	VV	640	12782	0.63%	0.051%
173	9.837	9.823	9.862	VV	369	5310	0.26%	0.021%
174	9.872	9.862	9.889	VV	122	1981	0.10%	0.008%
175	9.890	9.889	9.907	VV	140	647	0.03%	0.003%
176	9.940	9.907	9.947	VV	254	3858	0.19%	0.016%
177	9.951	9.947	9.959	VV	210	1251	0.06%	0.005%
178	9.977	9.959	10.014	VV	775	9995	0.49%	0.040%
179	10.031	10.014	10.043	VV	558	5952	0.29%	0.024%
180	10.067	10.043	10.166	VV	41408	663980	32.66%	2.670%
181	10.198	10.166	10.304	VV	169809	1982265	97.49%	7.970%
182	10.307	10.304	10.406	VV	1057	38873	1.91%	0.156%
183	10.410	10.406	10.419	VV	429	3103	0.15%	0.012%
184	10.427	10.419	10.433	VV	391	2915	0.14%	0.012%
185	10.437	10.433	10.444	VV	332	2126	0.10%	0.009%
186	10.446	10.444	10.449	VV	373	998	0.05%	0.004%
187	10.454	10.449	10.481	VV	350	5296	0.26%	0.021%
188	10.486	10.481	10.504	VV	307	3275	0.16%	0.013%
189	10.542	10.504	10.577	VV	2163	36843	1.81%	0.148%
190	10.581	10.577	10.612	VV	516	7651	0.38%	0.031%
191	10.617	10.612	10.627	VV	279	2396	0.12%	0.010%
192	10.633	10.627	10.647	VV	261	2900	0.14%	0.012%
193	10.651	10.647	10.662	VV	272	2005	0.10%	0.008%
194	10.674	10.662	10.707	VV	286	5601	0.28%	0.023%

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195	10.723	10.707	10.738	VV	279	3871	0.19%	0.016%
196	10.759	10.738	10.805	VV	342	7684	0.38%	0.031%
197	10.825	10.805	10.833	VV	267	3259	0.16%	0.013%
198	10.837	10.833	10.842	VV	247	1135	0.06%	0.005%
199	10.845	10.842	10.848	VV	241	678	0.03%	0.003%
200	10.863	10.848	10.883	VV	291	4686	0.23%	0.019%
201	10.916	10.883	10.921	VV	495	7793	0.38%	0.031%
202	10.936	10.921	10.958	VV	544	9532	0.47%	0.038%
203	10.964	10.958	10.974	VV	253	2069	0.10%	0.008%
204	11.013	10.974	11.031	VV	422	9665	0.48%	0.039%
205	11.043	11.031	11.090	VV	415	9148	0.45%	0.037%
206	11.094	11.090	11.098	VV	126	660	0.03%	0.003%
207	11.101	11.098	11.108	VV	145	769	0.04%	0.003%
208	11.129	11.108	11.149	VV	192	2994	0.15%	0.012%
209	11.157	11.149	11.160	VV	165	898	0.04%	0.004%
210	11.166	11.160	11.193	VV	234	2937	0.14%	0.012%
211	11.232	11.193	11.283	VV	834	26522	1.30%	0.107%
212	11.288	11.283	11.296	VV	448	3298	0.16%	0.013%
213	11.314	11.296	11.409	VV	660	24111	1.19%	0.097%
214	11.413	11.409	11.426	VV	233	1939	0.10%	0.008%
215	11.451	11.426	11.487	VV	521	10078	0.50%	0.041%
216	11.494	11.487	11.524	VV	126	2513	0.12%	0.010%
217	11.532	11.524	11.537	VV	138	622	0.03%	0.003%
218	11.543	11.537	11.557	PV	110	825	0.04%	0.003%
219	11.576	11.557	11.599	VV	216	3497	0.17%	0.014%
220	11.644	11.599	11.704	VV	164318	1976102	97.19%	7.946%
221	11.725	11.704	11.766	VV	1007	25961	1.28%	0.104%
222	11.767	11.766	11.781	VV	390	2924	0.14%	0.012%
223	11.805	11.781	11.829	VV	568	11150	0.55%	0.045%
224	11.839	11.829	11.867	VV	420	5505	0.27%	0.022%
225	11.877	11.867	11.881	VV	152	948	0.05%	0.004%
226	11.896	11.881	11.900	VV	168	1427	0.07%	0.006%
227	11.926	11.900	11.980	VV	600	17840	0.88%	0.072%
228	11.993	11.980	12.018	VV	329	5237	0.26%	0.021%
229	12.035	12.018	12.044	VV	408	4145	0.20%	0.017%
230	12.063	12.044	12.068	VV	564	6139	0.30%	0.025%
231	12.070	12.068	12.107	VV	512	7110	0.35%	0.029%
232	12.128	12.107	12.147	VV	581	8238	0.41%	0.033%
233	12.161	12.147	12.168	VV	160	1709	0.08%	0.007%
234	12.172	12.168	12.186	VV	161	1132	0.06%	0.005%
235	12.202	12.186	12.217	VV	251	3520	0.17%	0.014%
236	12.221	12.217	12.236	VV	255	1644	0.08%	0.007%
237	12.255	12.236	12.280	VV	144	2504	0.12%	0.010%
238	12.316	12.280	12.347	VV	333	8385	0.41%	0.034%
239	12.357	12.347	12.379	VV	291	4278	0.21%	0.017%
240	12.421	12.379	12.497	VV	1156	37286	1.83%	0.150%
241	12.523	12.497	12.537	VV	537	9216	0.45%	0.037%
242	12.567	12.537	12.626	VV	72774	926342	45.56%	3.725%
243	12.640	12.626	12.659	VV	2515	42075	2.07%	0.169%
244	12.667	12.659	12.728	VV	1731	47517	2.34%	0.191%
245	12.734	12.728	12.759	VV	815	13105	0.64%	0.053%
246	12.782	12.759	12.824	VV	944	23529	1.16%	0.095%

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247	12.839	12.824	12.859	VV	394	6223	0.31%	0.025%
248	12.885	12.859	12.920	VV	1333	26346	1.30%	0.106%
249	12.958	12.920	13.008	VV	169823	2033219	100.00%	8.175%
250	13.033	13.008	13.067	VV	3238	60361	2.97%	0.243%
251	13.082	13.067	13.114	VV	616	12297	0.60%	0.049%
252	13.118	13.114	13.132	VV	291	2326	0.11%	0.009%
253	13.136	13.132	13.142	VV	253	1304	0.06%	0.005%
254	13.145	13.142	13.176	VV	287	4626	0.23%	0.019%
255	13.182	13.176	13.188	VV	272	1736	0.09%	0.007%
256	13.195	13.188	13.200	VV	267	1887	0.09%	0.008%
257	13.220	13.200	13.274	VV	476	14531	0.71%	0.058%
258	13.279	13.274	13.300	VV	281	3227	0.16%	0.013%
259	13.329	13.300	13.346	VV	857	15093	0.74%	0.061%
260	13.368	13.346	13.419	VV	1017	27878	1.37%	0.112%
261	13.424	13.419	13.436	VV	239	2095	0.10%	0.008%
262	13.457	13.436	13.466	VV	234	3676	0.18%	0.015%
263	13.472	13.466	13.477	VV	189	1167	0.06%	0.005%
264	13.481	13.477	13.494	VV	191	1499	0.07%	0.006%
265	13.502	13.494	13.519	VV	198	2433	0.12%	0.010%
266	13.521	13.519	13.541	VV	166	1491	0.07%	0.006%
267	13.571	13.541	13.590	VV	729	10169	0.50%	0.041%
268	13.614	13.590	13.630	VV	657	12578	0.62%	0.051%
269	13.653	13.630	13.736	VV	1332	53159	2.61%	0.214%
270	13.749	13.736	13.770	VV	623	10549	0.52%	0.042%
271	13.802	13.770	13.901	VV	7799	159722	7.86%	0.642%
272	13.908	13.901	13.931	VV	575	8738	0.43%	0.035%
273	13.946	13.931	13.952	VV	577	6495	0.32%	0.026%
274	13.956	13.952	13.976	VV	552	7067	0.35%	0.028%
275	13.999	13.976	14.014	VV	658	11988	0.59%	0.048%
276	14.022	14.014	14.046	VV	492	7877	0.39%	0.032%
277	14.051	14.046	14.059	VV	269	1977	0.10%	0.008%
278	14.061	14.059	14.064	VV	274	747	0.04%	0.003%
279	14.078	14.064	14.084	VV	360	3636	0.18%	0.015%
280	14.110	14.084	14.127	VV	1222	19745	0.97%	0.079%
281	14.159	14.127	14.242	VV	157758	1967101	96.75%	7.909%
282	14.269	14.242	14.315	VV	553	15901	0.78%	0.064%
283	14.321	14.315	14.346	VV	180	2546	0.13%	0.010%
284	14.359	14.346	14.365	VV	248	1920	0.09%	0.008%
285	14.369	14.365	14.401	VV	232	4500	0.22%	0.018%
286	14.409	14.401	14.439	VV	221	3420	0.17%	0.014%
287	14.454	14.439	14.459	VV	162	1320	0.06%	0.005%
288	14.461	14.459	14.471	VV	131	736	0.04%	0.003%
289	14.477	14.471	14.489	VV	108	749	0.04%	0.003%
290	14.497	14.489	14.502	VV	121	624	0.03%	0.003%
291	14.519	14.502	14.536	VV	335	4612	0.23%	0.019%
292	14.566	14.536	14.617	VV	976	27089	1.33%	0.109%
293	14.632	14.617	14.646	VV	246	3170	0.16%	0.013%
294	14.668	14.646	14.691	VV	218	4225	0.21%	0.017%
295	14.724	14.691	14.756	PV	1082	17347	0.85%	0.070%
296	14.763	14.756	14.773	VV	290	2603	0.13%	0.010%
297	14.785	14.773	14.801	VV	312	4382	0.22%	0.018%
298	14.821	14.801	14.841	VV	459	8519	0.42%	0.034%
299	14.850	14.841	14.857	VV	242	2007	0.10%	0.008%

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300	14.863	14.857	14.867	VV	229	1100	0.05%	0.004%
301	14.888	14.867	14.906	VV	383	6317	0.31%	0.025%
302	14.917	14.906	14.922	VV	193	1606	0.08%	0.006%
303	14.928	14.922	14.931	VV	177	896	0.04%	0.004%
304	14.934	14.931	14.941	VV	185	838	0.04%	0.003%
305	14.963	14.941	14.967	VV	237	2874	0.14%	0.012%
306	14.978	14.967	15.026	VV	268	7191	0.35%	0.029%
307	15.061	15.026	15.176	VV	90571	1282425	63.07%	5.156%
308	15.183	15.176	15.207	VV	136	2190	0.11%	0.009%
309	15.267	15.207	15.299	VV	154262	1951720	95.99%	7.847%
310	15.311	15.299	15.356	VV	2415	39325	1.93%	0.158%
311	15.362	15.356	15.369	VV	311	2058	0.10%	0.008%
312	15.374	15.369	15.407	VV	256	3666	0.18%	0.015%
313	15.414	15.407	15.419	VV	99	416	0.02%	0.002%
314	15.442	15.419	15.448	VV	427	4138	0.20%	0.017%
315	15.459	15.448	15.501	VV	435	6601	0.32%	0.027%
316	15.513	15.501	15.518	VV	126	840	0.04%	0.003%
317	15.526	15.518	15.532	VV	88	543	0.03%	0.002%
318	15.555	15.532	15.575	VV	148	2906	0.14%	0.012%
319	15.581	15.575	15.591	VV	131	1005	0.05%	0.004%
320	15.605	15.591	15.616	VV	175	1966	0.10%	0.008%
321	15.650	15.616	15.765	VV	19280	467390	22.99%	1.879%
322	15.791	15.765	15.799	VV	2704	37533	1.85%	0.151%
323	15.803	15.799	15.832	VV	2600	27883	1.37%	0.112%
324	15.859	15.832	15.896	VV	1808	27148	1.34%	0.109%
325	15.915	15.896	15.942	VV	398	6599	0.32%	0.027%
326	15.951	15.942	15.961	VV	164	1575	0.08%	0.006%
327	15.968	15.961	15.975	VV	182	1171	0.06%	0.005%
328	15.978	15.975	15.994	VV	153	697	0.03%	0.003%
329	16.049	15.994	16.053	PV	251	4015	0.20%	0.016%
330	16.074	16.053	16.079	VV	291	3759	0.18%	0.015%
331	16.084	16.079	16.094	VV	296	2449	0.12%	0.010%
332	16.111	16.094	16.140	VV	355	5095	0.25%	0.020%
333	16.176	16.140	16.219	VV	638	16644	0.82%	0.067%
334	16.224	16.219	16.232	VV	190	1179	0.06%	0.005%
335	16.291	16.232	16.342	VV	141713	1875823	92.26%	7.542%
336	16.353	16.342	16.386	VV	545	8159	0.40%	0.033%
337	16.389	16.386	16.406	VV	100	922	0.05%	0.004%
338	16.428	16.406	16.450	VV	357	5632	0.28%	0.023%
339	16.499	16.450	16.556	VV	388	12399	0.61%	0.050%
340	16.600	16.556	16.644	PV	1052	30205	1.49%	0.121%
341	16.677	16.644	16.707	VV	1873	46573	2.29%	0.187%
342	16.710	16.707	16.717	VV	1199	6828	0.34%	0.027%
343	16.739	16.717	16.757	VV	2166	37992	1.87%	0.153%
344	16.777	16.757	16.822	VV	3401	67751	3.33%	0.272%
345	16.856	16.822	16.882	VV	1866	46017	2.26%	0.185%
346	16.925	16.882	16.932	VV	979	24709	1.22%	0.099%
347	16.944	16.932	16.956	VV	1124	14473	0.71%	0.058%
348	16.975	16.956	17.002	VV	1472	30720	1.51%	0.124%
349	17.007	17.002	17.025	VV	907	9998	0.49%	0.040%
350	17.028	17.025	17.047	VV	637	7749	0.38%	0.031%
351	17.065	17.047	17.081	VV	1030	16708	0.82%	0.067%

						rters		
352	17.086	17.081	17.089	VV	785	3611	0.18%	0.015%
353	17.096	17.089	17.103	VV	855	6692	0.33%	0.027%
354	17.141	17.103	17.162	VV	1104	32258	1.59%	0.130%
355	17.177	17.162	17.188	VV	852	11987	0.59%	0.048%
356	17.245	17.188	17.276	VV	137248	1912733	94.07%	7.691%
357	17.293	17.276	17.355	VV	6750	109723	5.40%	0.441%
358	17.375	17.355	17.401	VBA	377	7172	0.35%	0.029%
					Sum of corrected areas:	24870669		

FF100225.M Thu Oct 23 01:30:49 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
5 TRPH STD		FF016513.D	FF100225	N-TETRACONTANE	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
5 TRPH STD		FF016513.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
10 TRPH STD		FF016512.D	FF100225	N-TETRACONTANE	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
10 TRPH STD		FF016512.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
.BLK		FF016508.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF100225

Review By	yogesh	Review On	10/2/2025 10:24:19 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:31:32 AM
SubDirectory	FF100225	HP Acquire Method	HP Processing Method FF100225
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24963,PP24968		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016507.D	02 Oct 2025 09:28	YP\AJ	Ok
2	I.BLK	FF016508.D	02 Oct 2025 10:27	YP\AJ	Ok,M
3	100 TRPH STD	FF016509.D	02 Oct 2025 10:56	YP\AJ	Ok
4	50 TRPH STD	FF016510.D	02 Oct 2025 11:55	YP\AJ	Ok
5	20 TRPH STD	FF016511.D	02 Oct 2025 12:24	YP\AJ	Ok
6	10 TRPH STD	FF016512.D	02 Oct 2025 12:54	YP\AJ	Ok,M
7	5 TRPH STD	FF016513.D	02 Oct 2025 13:23	YP\AJ	Ok,M
8	FF100225ICV	FF016514.D	02 Oct 2025 13:53	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102225

Review By	yogesh	Review On	10/22/2025 1:28:26 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:11:25 AM
SubDirectory	FF102225	HP Acquire Method	HP Processing Method FF100225
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	FF016590.D	22 Oct 2025 11:01	YP\AJ	Ok
2	I.BLK	FF016591.D	22 Oct 2025 11:30	YP\AJ	Ok
3	50 PPM TRPH STD	FF016592.D	22 Oct 2025 12:00	YP\AJ	Ok
4	RT MARKER	FF016593.D	22 Oct 2025 12:59	YP\AJ	Ok
5	PB170209BL	FF016594.D	22 Oct 2025 13:33	YP\AJ	Ok
6	PB170209BS	FF016595.D	22 Oct 2025 14:03	YP\AJ	Ok
7	Q3399-01	FF016596.D	22 Oct 2025 14:43	YP\AJ	Ok
8	Q3399-01MS	FF016597.D	22 Oct 2025 15:13	YP\AJ	Ok
9	Q3399-01MSD	FF016598.D	22 Oct 2025 15:42	YP\AJ	Ok
10	I.BLK	FF016599.D	22 Oct 2025 16:12	YP\AJ	Ok
11	50 PPM TRPH STD	FF016600.D	22 Oct 2025 16:41	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF100225

Review By	yogesh	Review On	10/2/2025 10:24:19 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:31:32 AM
SubDirectory	FF100225	HP Acquire Method	HP Processing Method FF100225
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967		
CCC Internal Standard/PEM 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		FF016507.D	02 Oct 2025 09:28		YP\AJ	Ok
2	I.BLK		FF016508.D	02 Oct 2025 10:27		YP\AJ	Ok,M
3	100 TRPH STD		FF016509.D	02 Oct 2025 10:56		YP\AJ	Ok
4	50 TRPH STD		FF016510.D	02 Oct 2025 11:55		YP\AJ	Ok
5	20 TRPH STD		FF016511.D	02 Oct 2025 12:24		YP\AJ	Ok
6	10 TRPH STD		FF016512.D	02 Oct 2025 12:54		YP\AJ	Ok,M
7	5 TRPH STD		FF016513.D	02 Oct 2025 13:23		YP\AJ	Ok,M
8	FF100225ICV		FF016514.D	02 Oct 2025 13:53		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102225

Review By	yogesh	Review On	10/22/2025 1:28:26 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:11:25 AM
SubDirectory	FF102225	HP Acquire Method	HP Processing Method FF100225
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#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016590.D	22 Oct 2025 11:01		YP\AJ	Ok
2	I.BLK		FF016591.D	22 Oct 2025 11:30		YP\AJ	Ok
3	50 PPM TRPH STD		FF016592.D	22 Oct 2025 12:00		YP\AJ	Ok
4	RT MARKER		FF016593.D	22 Oct 2025 12:59		YP\AJ	Ok
5	PB170209BL		FF016594.D	22 Oct 2025 13:33		YP\AJ	Ok
6	PB170209BS		FF016595.D	22 Oct 2025 14:03		YP\AJ	Ok
7	Q3399-01		FF016596.D	22 Oct 2025 14:43		YP\AJ	Ok
8	Q3399-01MS		FF016597.D	22 Oct 2025 15:13	FF016596.D	YP\AJ	Ok
9	Q3399-01MSD		FF016598.D	22 Oct 2025 15:42	FF016596.D!FF016597.D	YP\AJ	Ok
10	I.BLK		FF016599.D	22 Oct 2025 16:12		YP\AJ	Ok
11	50 PPM TRPH STD		FF016600.D	22 Oct 2025 16:41		YP\AJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weight By: EH **Extraction By:** EH

Balance check: EH **Filter By:** RS

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

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

Extraction Start Date : 10/22/2025

Extraction Start Time : 10:08

Extraction End Date : 10/22/2025

Extraction End Time : 13:25

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24583
Surrogate	1.0ML	20 PPM	PP24596
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	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3980
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

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443.

KD Bath ID: N/A **Envap ID:** NEVAP-02

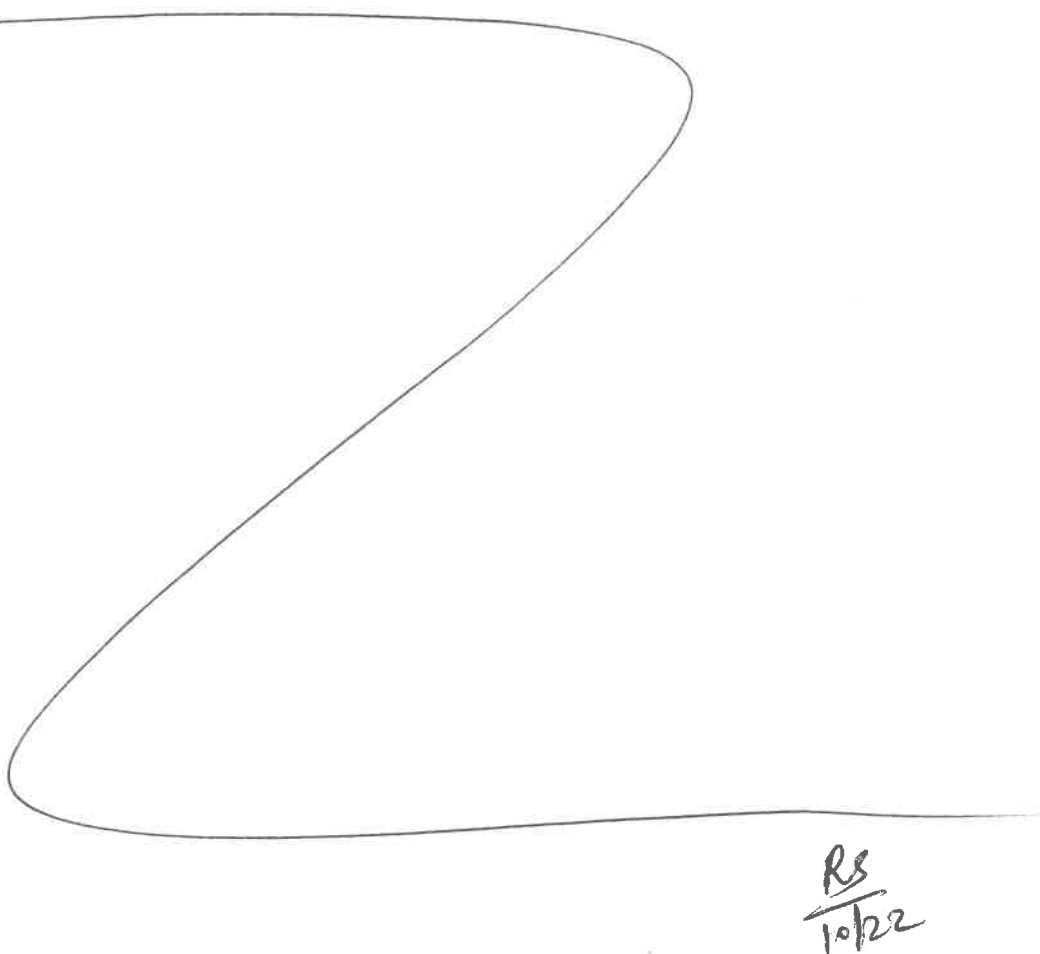
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Bt-lab)	My Pest/PCB Lab
13:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170209BL	PB170209BL	Diesel Range Organics	30.01	N/A	Evelyn	RUPESEH	1			U6-1
PB170209BS	PB170209BS	Diesel Range Organics	30.03	N/A	Evelyn	RUPESEH	1			2
Q3399-01	COMP-ROLLOFF	Diesel Range Organics	30.04	N/A	Evelyn	RUPESEH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	Diesel Range Organics	30.06	N/A	Evelyn	RUPESEH	1	C		4
Q3399-01MS D	COMP-ROLLOFFMSD	Diesel Range Organics	30.07	N/A	Evelyn	RUPESEH	1	C		5



RS
10/22

17420461
10:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399D WorkList ID : 192617 Department : Extraction Date : 10-22-2025 09:56:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Diesel Range Organics	Cool 4 deg C	ICES02	D41	10/20/2025	8015D

Date/Time 10/22/25 10:05
Raw Sample Received by: RS (Exp-66)
Raw Sample Relinquished by: SA SM

Date/Time 10/22/25 10:15
Raw Sample Received by: SA SM
Raw Sample Relinquished by: RS (Exp-66)



LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL			10/20/25			10/20/25
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	COMP-ROLLOFF	TCLP			10/20/25			10/20/25
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	