

## Cover Page

**Order ID :** Q3012

**Project ID :** 29-35 Frelinghuysen Ave, Newark

**Client :** Sciacca General Contractors, LLC

**Lab Sample Number**

Q3012-01  
Q3012-02  
Q3012-03  
Q3012-04  
Q3012-05  
Q3012-06  
Q3012-07

**Client Sample Number**

WASTE  
VOC  
1  
2  
3  
4  
5

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 9/8/2025

## 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:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

Project #: Q3012

Completed

For thorough review, the report must have the following:

**GENERAL:**

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

**COVER PAGE:**

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

**CHAIN OF CUSTODY:**

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

**ANALYTICAL:**

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 09/08/2025

## LAB CHRONICLE

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| <b>OrderID:</b> Q3012                           | <b>OrderDate:</b> 9/3/2025 3:58:00 PM           |
| <b>Client:</b> Sciacca General Contractors, LLC | <b>Project:</b> 29-35 Frelinghuysen Ave, Newark |
| <b>Contact:</b> Rosanne Scirica                 | <b>Location:</b> J42,VOA Lab                    |

| LabID    | ClientID | Matrix | Test   | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|--------|--------|-------------|-----------|-----------|----------|
| Q3012-01 | WASTE    | SOIL   | TPH GC | 8015D  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |
| Q3012-03 | 1        | Solid  | EPH_F2 | NJEPH  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |
| Q3012-04 | 2        | Solid  | EPH_F2 | NJEPH  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |
| Q3012-05 | 3        | Solid  | EPH_F2 | NJEPH  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |
| Q3012-06 | 4        | Solid  | EPH_F2 | NJEPH  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |
| Q3012-07 | 5        | Solid  | EPH_F2 | NJEPH  | 09/03/25    | 09/04/25  | 09/04/25  | 09/03/25 |



# QC SUMMARY



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

**SOIL TPH GC SURROGATE RECOVERY**

Lab Name: Alliance

Client: Sciacca General Contractors, LLC

Lab Code: ACE

SDG No.: Q3012

| CLIENT ID        | S1<br>TETRACOSANE-d50 | S2 | S3 | S4 | TOT<br>OUT |
|------------------|-----------------------|----|----|----|------------|
| PIBLK-FG016538.D | 104                   |    |    |    | 0          |
| PIBLK-FG016545.D | 103                   |    |    |    | 0          |
| PIBLK-FG016551.D | 97                    |    |    |    | 0          |
| PB169544BL       | 101                   |    |    |    | 0          |
| PB169544BS       | 85                    |    |    |    | 0          |
| AU-05-082925MS   | 57                    |    |    |    | 0          |
| AU-05-082925MSD  | 65                    |    |    |    | 0          |
| WASTE            | 44                    |    |    |    | 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:** Sciacca General Contractors, LLC

**Lab Code:** ACE

**SDG No:** Q3012

**Client Sample ID :** AU-05-082925MS

**Datafile:** FG016549.D

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | SAMPLE<br>CONCENTRATION<br>ug/kg | MS/MSD<br>CONCENTRATION<br>ug/kg | % REC | Qual | QC LIMITS(%) |
|------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|--------------|
| Petroleum Hydrocarbons | 11965                   | 146000                           | 128000                           | -149% | *    | 68-131       |

**SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

**Lab Name:** Alliance

**Client:** Sciacca General Contractors, LLC

**Lab Code:** ACE

**SDG No:** Q3012

**Client Sample ID :** AU-05-082925MSD

**Datafile:** FG016550.D

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | SAMPLE<br>CONCENTRATION<br>ug/kg | MS/MSD<br>CONCENTRATION<br>ug/kg | % REC | Qual | QC LIMITS(%) |
|------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|--------------|
| Petroleum Hydrocarbons | 11981                   | 146000                           | 134000                           | -99%  | *    | 68-131       |

**MS/MSD % Recovery RPD : 40.6**

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

**Lab Name:** Alliance

**Client:** Sciacca General Contractors, LLC

**Lab Code:** ACE

**SDG No:** Q3012

**Client Sample ID :** PB169544BS

**Datafile:** FG016548.D

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | CONCENTRATION<br>ug/kg | LCS/LCSD<br>CONCENTRATION<br>ug/kg | % REC | QC LIMITS (%) |
|------------------------|-------------------------|------------------------|------------------------------------|-------|---------------|
| Petroleum Hydrocarbons | 11326                   | 0                      | 9716                               | 86    | 68-131        |

4B  
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169544BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3012

Lab File ID: FG016547.D

Lab Sample ID: PB169544BL

Instrument ID: FG

Date Extracted: 09/04/2025

Matrix: (soil/water) Soil

Date Analyzed: 09/04/25

Level: (low/med) low

Time Analyzed: 15:16

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

| CLIENT<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|----------------------|------------------|----------------|------------------|
| WASTE                | Q3012-01         | FG016543.D     | 09/04/25         |
| PB169544BS           | PB169544BS       | FG016548.D     | 09/04/25         |
| AU-05-082925MS       | Q2998-01MS       | FG016549.D     | 09/04/25         |
| AU-05-082925MSD      | Q2998-01MSD      | FG016550.D     | 09/04/25         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA

## Report of Analysis

|                    |                                  |                    |          |
|--------------------|----------------------------------|--------------------|----------|
| Client:            | Sciacca General Contractors, LLC | Date Collected:    | 09/03/25 |
| Project:           | 29-35 Frelinghuysen Ave, Newark  | Date Received:     | 09/03/25 |
| Client Sample ID:  | WASTE                            | SDG No.:           | Q3012    |
| Lab Sample ID:     | Q3012-01                         | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                        | % Solid:           | 94.4     |
| Sample Wt/Vol:     | 30.02                            | Units:             | g        |
| Soil Aliquot Vol:  |                                  |                    | uL       |
| Extraction Type:   |                                  | Final Vol:         | 1        |
| GPC Factor :       |                                  | Test:              | TPH GC   |
| Prep Method :      | SW3541                           | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016543.D        | 1         | 09/04/25 08:45 | 09/04/25 12:48 | PB169544      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 28000 |           | 407      | 3000       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 8.72  |           | 37 - 130 | 44%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016543.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 12:48  
Operator : YP\AJ  
Sample : Q3012-01  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
WASTE

Integration File: Sample.e  
Quant Time: Sep 05 03:45:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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... | 15.181 | 831120   | 8.723 ug/ml |

Target Compounds

-----

(f)=RT Delta > 1/2 Window

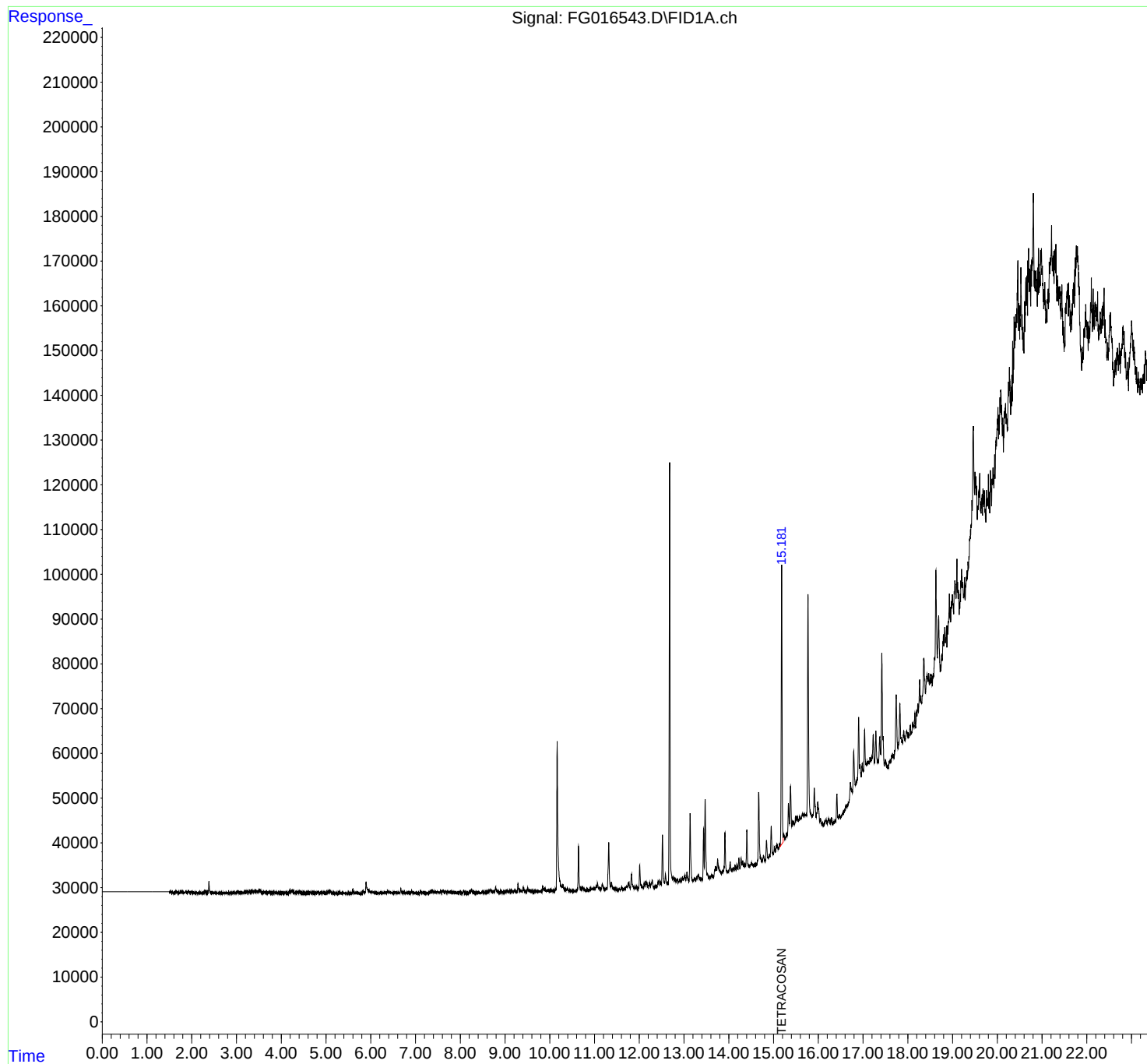
(m)=manual int.

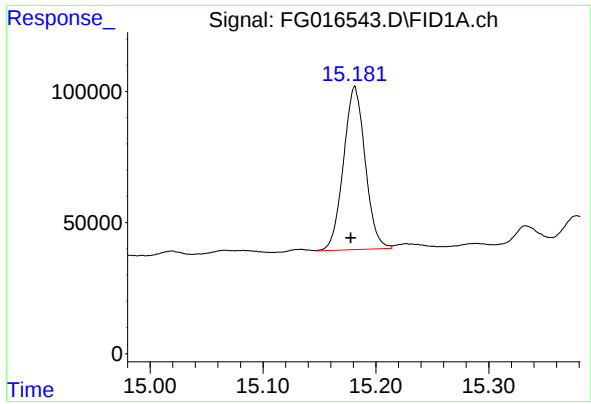
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016543.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 12:48  
Operator : YP\AJ  
Sample : Q3012-01  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
WASTE

Integration File: Sample.e  
Quant Time: Sep 05 03:45:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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.: 15.181 min  
Delta R.T.: 0.004 min  
Response: 831120  
Conc: 8.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
WASTE

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016543.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 12:48  
 Sample : Q3012-01  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.031       | 2.000        | 2.069      | BV       | 205            | 2406         | 0.07%          | 0.003%        |
| 2         | 2.081       | 2.069        | 2.086      | PV       | 135            | 679          | 0.02%          | 0.001%        |
| 3         | 2.107       | 2.086        | 2.123      | VV       | 216            | 2540         | 0.07%          | 0.003%        |
| 4         | 2.126       | 2.123        | 2.138      | VV       | 45             | 467          | 0.01%          | 0.001%        |
| 5         | 2.149       | 2.138        | 2.153      | PV       | 88             | 558          | 0.02%          | 0.001%        |
| 6         | 2.159       | 2.153        | 2.169      | VV       | 104            | 636          | 0.02%          | 0.001%        |
| 7         | 2.174       | 2.169        | 2.181      | PV       | 100            | 666          | 0.02%          | 0.001%        |
| 8         | 2.188       | 2.181        | 2.202      | VV       | 163            | 1050         | 0.03%          | 0.001%        |
| 9         | 2.204       | 2.202        | 2.218      | VV       | 31             | 508          | 0.01%          | 0.001%        |
| 10        | 2.223       | 2.218        | 2.231      | VV       | 98             | 575          | 0.02%          | 0.001%        |
| 11        | 2.236       | 2.231        | 2.257      | VV       | 105            | 992          | 0.03%          | 0.001%        |
| 12        | 2.264       | 2.257        | 2.276      | VV       | 92             | 820          | 0.02%          | 0.001%        |
| 13        | 2.296       | 2.276        | 2.338      | VV       | 648            | 9852         | 0.29%          | 0.012%        |
| 14        | 2.384       | 2.338        | 2.430      | VV       | 2657           | 31915        | 0.93%          | 0.040%        |
| 15        | 2.440       | 2.430        | 2.446      | VV       | 139            | 1084         | 0.03%          | 0.001%        |
| 16        | 2.452       | 2.446        | 2.482      | VV       | 142            | 1972         | 0.06%          | 0.002%        |
| 17        | 2.486       | 2.482        | 2.500      | VV       | 108            | 674          | 0.02%          | 0.001%        |
| 18        | 2.505       | 2.500        | 2.522      | VV       | 83             | 838          | 0.02%          | 0.001%        |
| 19        | 2.527       | 2.522        | 2.544      | VV       | 112            | 722          | 0.02%          | 0.001%        |
| 20        | 2.549       | 2.544        | 2.563      | VV       | 110            | 621          | 0.02%          | 0.001%        |
| 21        | 2.571       | 2.563        | 2.584      | PV       | 89             | 696          | 0.02%          | 0.001%        |
| 22        | 2.587       | 2.584        | 2.592      | VV       | 90             | 284          | 0.01%          | 0.000%        |
| 23        | 2.609       | 2.592        | 2.613      | VV       | 142            | 760          | 0.02%          | 0.001%        |
| 24        | 2.621       | 2.613        | 2.635      | VV       | 106            | 876          | 0.03%          | 0.001%        |
| 25        | 2.648       | 2.635        | 2.657      | VV       | 65             | 693          | 0.02%          | 0.001%        |
| 26        | 2.661       | 2.657        | 2.665      | VV       | 128            | 378          | 0.01%          | 0.000%        |
| 27        | 2.677       | 2.665        | 2.715      | VV       | 177            | 3009         | 0.09%          | 0.004%        |
| 28        | 2.718       | 2.715        | 2.741      | VV       | 117            | 1119         | 0.03%          | 0.001%        |
| 29        | 2.746       | 2.741        | 2.751      | VV       | 99             | 442          | 0.01%          | 0.001%        |
| 30        | 2.758       | 2.751        | 2.792      | VV       | 103            | 1934         | 0.06%          | 0.002%        |
| 31        | 2.796       | 2.792        | 2.834      | VV       | 160            | 2254         | 0.07%          | 0.003%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 2.839 | 2.834 | 2.845 | VV | 76     | 462   | 0.01% | 0.001% |
| 33 | 2.862 | 2.845 | 2.868 | VV | 157    | 1356  | 0.04% | 0.002% |
| 34 | 2.877 | 2.868 | 2.884 | VV | 146    | 1042  | 0.03% | 0.001% |
| 35 | 2.895 | 2.884 | 2.909 | VV | 218    | 2073  | 0.06% | 0.003% |
| 36 | 2.912 | 2.909 | 2.917 | VV | 161    | 609   | 0.02% | 0.001% |
| 37 | 2.931 | 2.917 | 2.941 | VV | 190    | 1821  | 0.05% | 0.002% |
| 38 | 2.946 | 2.941 | 2.959 | VV | 174    | 1423  | 0.04% | 0.002% |
| 39 | 2.965 | 2.959 | 2.976 | VV | 179    | 1404  | 0.04% | 0.002% |
| 40 | 2.981 | 2.976 | 2.983 | VV | 125    | 456   | 0.01% | 0.001% |
| 41 | 2.995 | 2.983 | 3.005 | VV | 315    | 2855  | 0.08% | 0.004% |
| 42 | 3.018 | 3.005 | 3.047 | VV | 338    | 6194  | 0.18% | 0.008% |
| 43 | 3.055 | 3.047 | 3.070 | VV | 269    | 3073  | 0.09% | 0.004% |
| 44 | 3.072 | 3.070 | 3.087 | VV | 240    | 1918  | 0.06% | 0.002% |
| 45 | 3.092 | 3.087 | 3.098 | VV | 170    | 1057  | 0.03% | 0.001% |
| 46 | 3.114 | 3.098 | 3.130 | VV | 350    | 5102  | 0.15% | 0.006% |
| 47 | 3.152 | 3.130 | 3.164 | VV | 262    | 4586  | 0.13% | 0.006% |
| 48 | 3.174 | 3.164 | 3.184 | VV | 312    | 3082  | 0.09% | 0.004% |
| 49 | 3.187 | 3.184 | 3.192 | VV | 295    | 1326  | 0.04% | 0.002% |
| 50 | 3.198 | 3.192 | 3.205 | VV | 243    | 1907  | 0.06% | 0.002% |
| 51 | 3.208 | 3.205 | 3.220 | VV | 288    | 2188  | 0.06% | 0.003% |
| 52 | 3.233 | 3.220 | 3.252 | VV | 373    | 6066  | 0.18% | 0.008% |
| 53 | 3.261 | 3.252 | 3.269 | VV | 363    | 3200  | 0.09% | 0.004% |
| 54 | 3.272 | 3.269 | 3.276 | VV | 360    | 1489  | 0.04% | 0.002% |
| 55 | 3.290 | 3.276 | 3.322 | VV | 453    | 10444 | 0.31% | 0.013% |
| 56 | 3.330 | 3.322 | 3.336 | VV | 386    | 2909  | 0.08% | 0.004% |
| 57 | 3.342 | 3.336 | 3.348 | VV | 410    | 2507  | 0.07% | 0.003% |
| 58 | 3.352 | 3.348 | 3.365 | VV | 429    | 4266  | 0.12% | 0.005% |
| 59 | 3.406 | 3.365 | 3.435 | VV | 582    | 21001 | 0.61% | 0.026% |
| 60 | 3.438 | 3.435 | 3.461 | VV | 531    | 7771  | 0.23% | 0.010% |
| 61 | 3.471 | 3.461 | 3.489 | VV | 554    | 8965  | 0.26% | 0.011% |
| 62 | 3.494 | 3.489 | 3.503 | VV | 577    | 4512  | 0.13% | 0.006% |
| 63 | 3.512 | 3.503 | 3.524 | VV | 653    | 7288  | 0.21% | 0.009% |
| 64 | 3.537 | 3.524 | 3.602 | VV | 659    | 15976 | 0.47% | 0.020% |
| 65 | 3.607 | 3.602 | 3.627 | VV | 239    | 3306  | 0.10% | 0.004% |
| 66 | 3.642 | 3.627 | 3.648 | VV | 280    | 2811  | 0.08% | 0.004% |
| 67 | 3.651 | 3.648 | 3.655 | VV | 195    | 788   | 0.02% | 0.001% |
| 68 | 3.663 | 3.655 | 3.674 | VV | 227    | 1972  | 0.06% | 0.002% |
| 69 | 3.676 | 3.674 | 3.689 | VV | 229    | 1598  | 0.05% | 0.002% |
| 70 | 3.694 | 3.689 | 3.698 | VV | 195    | 925   | 0.03% | 0.001% |
| 71 | 3.704 | 3.698 | 3.709 | VV | 237    | 1319  | 0.04% | 0.002% |
| 72 | 3.714 | 3.709 | 3.739 | VV | 254    | 3736  | 0.11% | 0.005% |
| 73 | 3.742 | 3.739 | 3.757 | VV | 278    | 2348  | 0.07% | 0.003% |
| 74 | 3.779 | 3.757 | 3.785 | VV | 237    | 3382  | 0.10% | 0.004% |
| 75 | 3.795 | 3.785 | 3.815 | VV | 199    | 2981  | 0.09% | 0.004% |
| 76 | 3.832 | 3.815 | 3.852 | VV | 239    | 3927  | 0.11% | 0.005% |
| 77 | 3.855 | 3.852 | 3.869 | VV | 211    | 1824  | 0.05% | 0.002% |
| 78 | 3.876 | 3.869 | 3.890 | VV | 229    | 2123  | 0.06% | 0.003% |
| 79 | 3.908 | 3.890 | 3.920 | VV | 222    | 2912  | 0.09% | 0.004% |

|     |       |       |       |    |               |       |       |        |
|-----|-------|-------|-------|----|---------------|-------|-------|--------|
| 80  | 3.925 | 3.920 | 3.942 | VV | rteres<br>212 | 2252  | 0.07% | 0.003% |
| 81  | 3.947 | 3.942 | 3.958 | VV | 219           | 1524  | 0.04% | 0.002% |
| 82  | 3.966 | 3.958 | 3.994 | VV | 206           | 3716  | 0.11% | 0.005% |
| 83  | 3.998 | 3.994 | 4.014 | VV | 169           | 1633  | 0.05% | 0.002% |
| 84  | 4.033 | 4.014 | 4.040 | VV | 196           | 2130  | 0.06% | 0.003% |
| 85  | 4.049 | 4.040 | 4.064 | VV | 205           | 2028  | 0.06% | 0.003% |
| 86  | 4.076 | 4.064 | 4.100 | VV | 153           | 2981  | 0.09% | 0.004% |
| 87  | 4.103 | 4.100 | 4.140 | VV | 216           | 3323  | 0.10% | 0.004% |
| 88  | 4.154 | 4.140 | 4.160 | VV | 155           | 1340  | 0.04% | 0.002% |
| 89  | 4.188 | 4.160 | 4.227 | VV | 834           | 16732 | 0.49% | 0.021% |
| 90  | 4.243 | 4.227 | 4.264 | VV | 811           | 12586 | 0.37% | 0.016% |
| 91  | 4.273 | 4.264 | 4.277 | VV | 477           | 3236  | 0.09% | 0.004% |
| 92  | 4.283 | 4.277 | 4.290 | VV | 355           | 2735  | 0.08% | 0.003% |
| 93  | 4.292 | 4.290 | 4.317 | VV | 316           | 4134  | 0.12% | 0.005% |
| 94  | 4.322 | 4.317 | 4.340 | VV | 249           | 2682  | 0.08% | 0.003% |
| 95  | 4.354 | 4.340 | 4.364 | VV | 257           | 2888  | 0.08% | 0.004% |
| 96  | 4.372 | 4.364 | 4.379 | VV | 272           | 2200  | 0.06% | 0.003% |
| 97  | 4.383 | 4.379 | 4.400 | VV | 283           | 3031  | 0.09% | 0.004% |
| 98  | 4.414 | 4.400 | 4.442 | VV | 441           | 6461  | 0.19% | 0.008% |
| 99  | 4.459 | 4.442 | 4.489 | VV | 305           | 5960  | 0.17% | 0.007% |
| 100 | 4.494 | 4.489 | 4.501 | VV | 237           | 1284  | 0.04% | 0.002% |
| 101 | 4.506 | 4.501 | 4.539 | VV | 183           | 3049  | 0.09% | 0.004% |
| 102 | 4.546 | 4.539 | 4.550 | VV | 120           | 626   | 0.02% | 0.001% |
| 103 | 4.556 | 4.550 | 4.560 | VV | 119           | 530   | 0.02% | 0.001% |
| 104 | 4.570 | 4.560 | 4.584 | VV | 192           | 1938  | 0.06% | 0.002% |
| 105 | 4.588 | 4.584 | 4.592 | VV | 166           | 662   | 0.02% | 0.001% |
| 106 | 4.612 | 4.592 | 4.633 | VV | 267           | 5332  | 0.16% | 0.007% |
| 107 | 4.653 | 4.633 | 4.666 | VV | 321           | 4747  | 0.14% | 0.006% |
| 108 | 4.672 | 4.666 | 4.676 | VV | 204           | 944   | 0.03% | 0.001% |
| 109 | 4.687 | 4.676 | 4.696 | VV | 217           | 2257  | 0.07% | 0.003% |
| 110 | 4.703 | 4.696 | 4.759 | VV | 231           | 5949  | 0.17% | 0.007% |
| 111 | 4.774 | 4.759 | 4.786 | VV | 234           | 2572  | 0.08% | 0.003% |
| 112 | 4.795 | 4.786 | 4.802 | VV | 198           | 1571  | 0.05% | 0.002% |
| 113 | 4.816 | 4.802 | 4.850 | VV | 566           | 8691  | 0.25% | 0.011% |
| 114 | 4.883 | 4.850 | 4.911 | VV | 288           | 6952  | 0.20% | 0.009% |
| 115 | 4.927 | 4.911 | 4.932 | VV | 215           | 2009  | 0.06% | 0.003% |
| 116 | 4.942 | 4.932 | 4.957 | VV | 217           | 2522  | 0.07% | 0.003% |
| 117 | 4.968 | 4.957 | 4.980 | VV | 232           | 2516  | 0.07% | 0.003% |
| 118 | 4.993 | 4.980 | 4.995 | VV | 223           | 1775  | 0.05% | 0.002% |
| 119 | 5.001 | 4.995 | 5.005 | VV | 279           | 1373  | 0.04% | 0.002% |
| 120 | 5.026 | 5.005 | 5.031 | VV | 385           | 4555  | 0.13% | 0.006% |
| 121 | 5.036 | 5.031 | 5.047 | VV | 397           | 3421  | 0.10% | 0.004% |
| 122 | 5.063 | 5.047 | 5.070 | VV | 447           | 5300  | 0.15% | 0.007% |
| 123 | 5.091 | 5.070 | 5.142 | VV | 537           | 14906 | 0.44% | 0.019% |
| 124 | 5.147 | 5.142 | 5.162 | VV | 202           | 2071  | 0.06% | 0.003% |
| 125 | 5.167 | 5.162 | 5.191 | VV | 248           | 2629  | 0.08% | 0.003% |
| 126 | 5.197 | 5.191 | 5.201 | VV | 182           | 775   | 0.02% | 0.001% |

|     |       |       |       |    |        |       |       |        |
|-----|-------|-------|-------|----|--------|-------|-------|--------|
|     |       |       |       |    | rteres |       |       |        |
| 127 | 5.206 | 5.201 | 5.222 | VV | 183    | 1887  | 0.06% | 0.002% |
| 128 | 5.240 | 5.222 | 5.246 | VV | 189    | 1543  | 0.05% | 0.002% |
| 129 | 5.249 | 5.246 | 5.255 | VV | 124    | 556   | 0.02% | 0.001% |
| 130 | 5.288 | 5.255 | 5.296 | VV | 218    | 3371  | 0.10% | 0.004% |
| 131 | 5.304 | 5.296 | 5.334 | VV | 281    | 4222  | 0.12% | 0.005% |
| 132 | 5.340 | 5.334 | 5.352 | VV | 128    | 1166  | 0.03% | 0.001% |
| 133 | 5.373 | 5.352 | 5.396 | VV | 270    | 4571  | 0.13% | 0.006% |
| 134 | 5.401 | 5.396 | 5.404 | VV | 146    | 618   | 0.02% | 0.001% |
| 135 | 5.408 | 5.404 | 5.426 | VV | 170    | 1632  | 0.05% | 0.002% |
| 136 | 5.444 | 5.426 | 5.454 | VV | 184    | 1941  | 0.06% | 0.002% |
| 137 | 5.476 | 5.454 | 5.492 | VV | 194    | 3541  | 0.10% | 0.004% |
| 138 | 5.494 | 5.492 | 5.506 | VV | 165    | 1137  | 0.03% | 0.001% |
| 139 | 5.511 | 5.506 | 5.530 | VV | 139    | 1593  | 0.05% | 0.002% |
| 140 | 5.537 | 5.530 | 5.556 | VV | 127    | 1396  | 0.04% | 0.002% |
| 141 | 5.566 | 5.556 | 5.573 | VV | 132    | 987   | 0.03% | 0.001% |
| 142 | 5.598 | 5.573 | 5.624 | VV | 1099   | 13924 | 0.41% | 0.018% |
| 143 | 5.628 | 5.624 | 5.645 | VV | 218    | 2149  | 0.06% | 0.003% |
| 144 | 5.659 | 5.645 | 5.672 | VV | 175    | 2298  | 0.07% | 0.003% |
| 145 | 5.677 | 5.672 | 5.720 | VV | 172    | 3236  | 0.09% | 0.004% |
| 146 | 5.726 | 5.720 | 5.750 | VV | 164    | 1883  | 0.05% | 0.002% |
| 147 | 5.755 | 5.750 | 5.775 | VV | 134    | 1001  | 0.03% | 0.001% |
| 148 | 5.796 | 5.775 | 5.811 | PV | 161    | 1955  | 0.06% | 0.002% |
| 149 | 5.829 | 5.811 | 5.857 | VV | 903    | 12310 | 0.36% | 0.015% |
| 150 | 5.869 | 5.857 | 5.876 | VV | 327    | 3163  | 0.09% | 0.004% |
| 151 | 5.895 | 5.876 | 5.956 | VV | 2679   | 57966 | 1.69% | 0.073% |
| 152 | 5.960 | 5.956 | 6.029 | VV | 655    | 19495 | 0.57% | 0.025% |
| 153 | 6.035 | 6.029 | 6.040 | VV | 414    | 2505  | 0.07% | 0.003% |
| 154 | 6.046 | 6.040 | 6.089 | VV | 396    | 9154  | 0.27% | 0.012% |
| 155 | 6.111 | 6.089 | 6.134 | VV | 377    | 7384  | 0.22% | 0.009% |
| 156 | 6.138 | 6.134 | 6.147 | VV | 254    | 1569  | 0.05% | 0.002% |
| 157 | 6.163 | 6.147 | 6.183 | VV | 263    | 4344  | 0.13% | 0.005% |
| 158 | 6.222 | 6.183 | 6.243 | VV | 237    | 6284  | 0.18% | 0.008% |
| 159 | 6.267 | 6.243 | 6.284 | VV | 243    | 4735  | 0.14% | 0.006% |
| 160 | 6.311 | 6.284 | 6.323 | VV | 368    | 5913  | 0.17% | 0.007% |
| 161 | 6.331 | 6.323 | 6.350 | VV | 398    | 4874  | 0.14% | 0.006% |
| 162 | 6.374 | 6.350 | 6.428 | VV | 576    | 15598 | 0.46% | 0.020% |
| 163 | 6.447 | 6.428 | 6.467 | VV | 392    | 6488  | 0.19% | 0.008% |
| 164 | 6.475 | 6.467 | 6.489 | VV | 257    | 2764  | 0.08% | 0.003% |
| 165 | 6.493 | 6.489 | 6.510 | VV | 234    | 2406  | 0.07% | 0.003% |
| 166 | 6.541 | 6.510 | 6.569 | VV | 487    | 9565  | 0.28% | 0.012% |
| 167 | 6.580 | 6.569 | 6.587 | VV | 215    | 1959  | 0.06% | 0.002% |
| 168 | 6.598 | 6.587 | 6.607 | VV | 239    | 2419  | 0.07% | 0.003% |
| 169 | 6.626 | 6.607 | 6.650 | VV | 253    | 4761  | 0.14% | 0.006% |
| 170 | 6.671 | 6.650 | 6.737 | VV | 1221   | 23665 | 0.69% | 0.030% |
| 171 | 6.743 | 6.737 | 6.762 | VV | 288    | 3373  | 0.10% | 0.004% |
| 172 | 6.783 | 6.762 | 6.792 | VV | 324    | 4341  | 0.13% | 0.005% |
| 173 | 6.795 | 6.792 | 6.807 | VV | 222    | 1469  | 0.04% | 0.002% |
| 174 | 6.831 | 6.807 | 6.862 | VV | 295    | 5903  | 0.17% | 0.007% |

|     |       |       |       |    |               |       |       |        |
|-----|-------|-------|-------|----|---------------|-------|-------|--------|
| 175 | 6.868 | 6.862 | 6.894 | VV | rteres<br>160 | 1999  | 0.06% | 0.003% |
| 176 | 6.910 | 6.894 | 6.978 | VV | 520           | 11273 | 0.33% | 0.014% |
| 177 | 6.985 | 6.978 | 6.995 | VV | 196           | 1469  | 0.04% | 0.002% |
| 178 | 7.012 | 6.995 | 7.018 | VV | 152           | 1425  | 0.04% | 0.002% |
| 179 | 7.029 | 7.018 | 7.051 | VV | 141           | 2083  | 0.06% | 0.003% |
| 180 | 7.060 | 7.051 | 7.090 | VV | 135           | 1687  | 0.05% | 0.002% |
| 181 | 7.108 | 7.090 | 7.159 | VV | 627           | 11584 | 0.34% | 0.015% |
| 182 | 7.166 | 7.159 | 7.213 | VV | 189           | 3369  | 0.10% | 0.004% |
| 183 | 7.217 | 7.213 | 7.224 | VV | 93            | 412   | 0.01% | 0.001% |
| 184 | 7.243 | 7.224 | 7.267 | VV | 119           | 2153  | 0.06% | 0.003% |
| 185 | 7.300 | 7.267 | 7.309 | VV | 240           | 2591  | 0.08% | 0.003% |
| 186 | 7.337 | 7.309 | 7.342 | VV | 319           | 4837  | 0.14% | 0.006% |
| 187 | 7.365 | 7.342 | 7.370 | VV | 509           | 7462  | 0.22% | 0.009% |
| 188 | 7.382 | 7.370 | 7.393 | VV | 540           | 6329  | 0.18% | 0.008% |
| 189 | 7.398 | 7.393 | 7.410 | VV | 395           | 3745  | 0.11% | 0.005% |
| 190 | 7.412 | 7.410 | 7.444 | VV | 393           | 6325  | 0.18% | 0.008% |
| 191 | 7.454 | 7.444 | 7.462 | VV | 282           | 2627  | 0.08% | 0.003% |
| 192 | 7.479 | 7.462 | 7.497 | VV | 364           | 5766  | 0.17% | 0.007% |
| 193 | 7.510 | 7.497 | 7.516 | VV | 307           | 2866  | 0.08% | 0.004% |
| 194 | 7.521 | 7.516 | 7.540 | VV | 245           | 2946  | 0.09% | 0.004% |
| 195 | 7.559 | 7.540 | 7.563 | VV | 436           | 4564  | 0.13% | 0.006% |
| 196 | 7.568 | 7.563 | 7.588 | VV | 473           | 5059  | 0.15% | 0.006% |
| 197 | 7.617 | 7.588 | 7.652 | VV | 512           | 14117 | 0.41% | 0.018% |
| 198 | 7.656 | 7.652 | 7.660 | VV | 304           | 1313  | 0.04% | 0.002% |
| 199 | 7.672 | 7.660 | 7.698 | VV | 477           | 7256  | 0.21% | 0.009% |
| 200 | 7.712 | 7.698 | 7.721 | VV | 322           | 3560  | 0.10% | 0.004% |
| 201 | 7.732 | 7.721 | 7.740 | VV | 324           | 3169  | 0.09% | 0.004% |
| 202 | 7.750 | 7.740 | 7.756 | VV | 278           | 2370  | 0.07% | 0.003% |
| 203 | 7.786 | 7.756 | 7.834 | VV | 398           | 11598 | 0.34% | 0.015% |
| 204 | 7.840 | 7.834 | 7.862 | VV | 330           | 4070  | 0.12% | 0.005% |
| 205 | 7.872 | 7.862 | 7.877 | VV | 180           | 1490  | 0.04% | 0.002% |
| 206 | 7.903 | 7.877 | 7.939 | VV | 218           | 5862  | 0.17% | 0.007% |
| 207 | 7.961 | 7.939 | 7.992 | VV | 203           | 3367  | 0.10% | 0.004% |
| 208 | 8.009 | 7.992 | 8.035 | VV | 188           | 3106  | 0.09% | 0.004% |
| 209 | 8.042 | 8.035 | 8.052 | VV | 98            | 1010  | 0.03% | 0.001% |
| 210 | 8.077 | 8.052 | 8.127 | VV | 809           | 10822 | 0.32% | 0.014% |
| 211 | 8.135 | 8.127 | 8.158 | VV | 101           | 1363  | 0.04% | 0.002% |
| 212 | 8.177 | 8.158 | 8.189 | PV | 126           | 1549  | 0.05% | 0.002% |
| 213 | 8.249 | 8.189 | 8.270 | VV | 925           | 18824 | 0.55% | 0.024% |
| 214 | 8.282 | 8.270 | 8.318 | VV | 294           | 5745  | 0.17% | 0.007% |
| 215 | 8.325 | 8.318 | 8.342 | VV | 164           | 1595  | 0.05% | 0.002% |
| 216 | 8.370 | 8.342 | 8.385 | VV | 157           | 2539  | 0.07% | 0.003% |
| 217 | 8.404 | 8.385 | 8.453 | VV | 176           | 3723  | 0.11% | 0.005% |
| 218 | 8.494 | 8.453 | 8.534 | VV | 331           | 6806  | 0.20% | 0.009% |
| 219 | 8.568 | 8.534 | 8.585 | VV | 245           | 4853  | 0.14% | 0.006% |
| 220 | 8.600 | 8.585 | 8.614 | VV | 311           | 3383  | 0.10% | 0.004% |
| 221 | 8.668 | 8.614 | 8.740 | VV | 684           | 24607 | 0.72% | 0.031% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 222 | 8.790  | 8.740  | 8.858  | VV | 1273   | 27894  | 0.81%  | 0.035% |
| 223 | 8.867  | 8.858  | 8.889  | VV | 184    | 2045   | 0.06%  | 0.003% |
| 224 | 8.906  | 8.889  | 8.944  | VV | 431    | 5936   | 0.17%  | 0.007% |
| 225 | 8.954  | 8.944  | 8.979  | VV | 126    | 1999   | 0.06%  | 0.003% |
| 226 | 9.042  | 8.979  | 9.070  | VV | 316    | 13356  | 0.39%  | 0.017% |
| 227 | 9.091  | 9.070  | 9.127  | VV | 377    | 9625   | 0.28%  | 0.012% |
| 228 | 9.149  | 9.127  | 9.195  | VV | 393    | 12454  | 0.36%  | 0.016% |
| 229 | 9.216  | 9.195  | 9.252  | VV | 579    | 9793   | 0.29%  | 0.012% |
| 230 | 9.290  | 9.252  | 9.324  | VV | 1861   | 29979  | 0.88%  | 0.038% |
| 231 | 9.331  | 9.324  | 9.352  | VV | 384    | 5707   | 0.17%  | 0.007% |
| 232 | 9.367  | 9.352  | 9.377  | VV | 324    | 4269   | 0.12%  | 0.005% |
| 233 | 9.406  | 9.377  | 9.475  | VV | 960    | 25298  | 0.74%  | 0.032% |
| 234 | 9.507  | 9.475  | 9.533  | VV | 978    | 17446  | 0.51%  | 0.022% |
| 235 | 9.544  | 9.533  | 9.619  | VV | 427    | 12405  | 0.36%  | 0.016% |
| 236 | 9.664  | 9.619  | 9.677  | VV | 231    | 4261   | 0.12%  | 0.005% |
| 237 | 9.693  | 9.677  | 9.725  | VV | 250    | 4701   | 0.14%  | 0.006% |
| 238 | 9.747  | 9.725  | 9.775  | VV | 280    | 3612   | 0.11%  | 0.005% |
| 239 | 9.798  | 9.775  | 9.822  | VV | 145    | 2660   | 0.08%  | 0.003% |
| 240 | 9.842  | 9.822  | 9.869  | VV | 1266   | 21402  | 0.63%  | 0.027% |
| 241 | 9.888  | 9.869  | 9.940  | VV | 777    | 19702  | 0.58%  | 0.025% |
| 242 | 9.963  | 9.940  | 9.999  | VV | 449    | 9591   | 0.28%  | 0.012% |
| 243 | 10.034 | 9.999  | 10.099 | VV | 417    | 14747  | 0.43%  | 0.019% |
| 244 | 10.127 | 10.099 | 10.140 | VV | 751    | 9709   | 0.28%  | 0.012% |
| 245 | 10.165 | 10.140 | 10.275 | VV | 33506  | 594776 | 17.37% | 0.748% |
| 246 | 10.292 | 10.275 | 10.329 | VV | 1497   | 31876  | 0.93%  | 0.040% |
| 247 | 10.336 | 10.329 | 10.375 | VV | 616    | 12489  | 0.36%  | 0.016% |
| 248 | 10.396 | 10.375 | 10.457 | VV | 601    | 16629  | 0.49%  | 0.021% |
| 249 | 10.464 | 10.457 | 10.500 | VV | 258    | 3213   | 0.09%  | 0.004% |
| 250 | 10.516 | 10.500 | 10.560 | VV | 117    | 2216   | 0.06%  | 0.003% |
| 251 | 10.601 | 10.560 | 10.617 | PV | 429    | 5976   | 0.17%  | 0.008% |
| 252 | 10.641 | 10.617 | 10.709 | VV | 9997   | 140185 | 4.09%  | 0.176% |
| 253 | 10.737 | 10.709 | 10.764 | VV | 958    | 18682  | 0.55%  | 0.023% |
| 254 | 10.774 | 10.764 | 10.802 | VV | 404    | 6967   | 0.20%  | 0.009% |
| 255 | 10.821 | 10.802 | 10.846 | VV | 333    | 5956   | 0.17%  | 0.007% |
| 256 | 10.854 | 10.846 | 10.865 | VV | 269    | 2093   | 0.06%  | 0.003% |
| 257 | 10.902 | 10.865 | 10.930 | VV | 545    | 12917  | 0.38%  | 0.016% |
| 258 | 10.946 | 10.930 | 10.975 | VV | 552    | 11491  | 0.34%  | 0.014% |
| 259 | 10.993 | 10.975 | 11.018 | VV | 834    | 14045  | 0.41%  | 0.018% |
| 260 | 11.038 | 11.018 | 11.052 | VV | 1291   | 17479  | 0.51%  | 0.022% |
| 261 | 11.066 | 11.052 | 11.090 | VV | 1779   | 25210  | 0.74%  | 0.032% |
| 262 | 11.107 | 11.090 | 11.132 | VV | 840    | 14981  | 0.44%  | 0.019% |
| 263 | 11.141 | 11.132 | 11.152 | VV | 480    | 4760   | 0.14%  | 0.006% |
| 264 | 11.173 | 11.152 | 11.247 | VV | 1478   | 36762  | 1.07%  | 0.046% |
| 265 | 11.263 | 11.247 | 11.280 | VV | 601    | 8079   | 0.24%  | 0.010% |
| 266 | 11.317 | 11.280 | 11.360 | VV | 10699  | 187525 | 5.48%  | 0.236% |
| 267 | 11.378 | 11.360 | 11.452 | VV | 1764   | 42544  | 1.24%  | 0.053% |
| 268 | 11.471 | 11.452 | 11.530 | VV | 362    | 8819   | 0.26%  | 0.011% |
| 269 | 11.554 | 11.530 | 11.577 | VV | 252    | 3685   | 0.11%  | 0.005% |

|     |        |        |        |    |               |         |        |        |
|-----|--------|--------|--------|----|---------------|---------|--------|--------|
| 270 | 11.606 | 11.577 | 11.641 | PV | rteres<br>605 | 11367   | 0.33%  | 0.014% |
| 271 | 11.714 | 11.641 | 11.730 | VV | 787           | 21052   | 0.61%  | 0.026% |
| 272 | 11.747 | 11.730 | 11.755 | VV | 1103          | 13118   | 0.38%  | 0.016% |
| 273 | 11.769 | 11.755 | 11.804 | VV | 1768          | 28671   | 0.84%  | 0.036% |
| 274 | 11.825 | 11.804 | 11.892 | VV | 3457          | 69222   | 2.02%  | 0.087% |
| 275 | 11.908 | 11.892 | 11.927 | VV | 603           | 8942    | 0.26%  | 0.011% |
| 276 | 11.943 | 11.927 | 11.975 | VV | 771           | 9667    | 0.28%  | 0.012% |
| 277 | 12.010 | 11.975 | 12.089 | PV | 5403          | 90940   | 2.66%  | 0.114% |
| 278 | 12.112 | 12.089 | 12.127 | VV | 1252          | 16727   | 0.49%  | 0.021% |
| 279 | 12.143 | 12.127 | 12.156 | VV | 1487          | 18415   | 0.54%  | 0.023% |
| 280 | 12.168 | 12.156 | 12.195 | VV | 1397          | 20800   | 0.61%  | 0.026% |
| 281 | 12.228 | 12.195 | 12.250 | VV | 1230          | 21818   | 0.64%  | 0.027% |
| 282 | 12.291 | 12.250 | 12.334 | VV | 1655          | 38185   | 1.12%  | 0.048% |
| 283 | 12.365 | 12.334 | 12.390 | PV | 239           | 4080    | 0.12%  | 0.005% |
| 284 | 12.442 | 12.390 | 12.460 | VV | 1434          | 35390   | 1.03%  | 0.044% |
| 285 | 12.478 | 12.460 | 12.493 | VV | 1027          | 14762   | 0.43%  | 0.019% |
| 286 | 12.519 | 12.493 | 12.565 | VV | 11475         | 172309  | 5.03%  | 0.217% |
| 287 | 12.586 | 12.565 | 12.619 | VV | 2645          | 42615   | 1.24%  | 0.054% |
| 288 | 12.637 | 12.619 | 12.649 | VV | 577           | 8712    | 0.25%  | 0.011% |
| 289 | 12.679 | 12.649 | 12.744 | VV | 93489         | 1193261 | 34.85% | 1.500% |
| 290 | 12.757 | 12.744 | 12.775 | VV | 1826          | 26750   | 0.78%  | 0.034% |
| 291 | 12.789 | 12.775 | 12.825 | VV | 1216          | 28726   | 0.84%  | 0.036% |
| 292 | 12.844 | 12.825 | 12.877 | VV | 1077          | 22498   | 0.66%  | 0.028% |
| 293 | 12.906 | 12.877 | 12.938 | VV | 831           | 20990   | 0.61%  | 0.026% |
| 294 | 12.975 | 12.938 | 12.992 | VV | 1000          | 26146   | 0.76%  | 0.033% |
| 295 | 13.017 | 12.992 | 13.040 | VV | 1674          | 33817   | 0.99%  | 0.043% |
| 296 | 13.066 | 13.040 | 13.110 | VV | 2357          | 44874   | 1.31%  | 0.056% |
| 297 | 13.137 | 13.110 | 13.199 | VV | 15310         | 221188  | 6.46%  | 0.278% |
| 298 | 13.233 | 13.199 | 13.257 | VV | 532           | 10882   | 0.32%  | 0.014% |
| 299 | 13.276 | 13.257 | 13.292 | VV | 824           | 10502   | 0.31%  | 0.013% |
| 300 | 13.315 | 13.292 | 13.369 | VV | 1306          | 32557   | 0.95%  | 0.041% |
| 301 | 13.381 | 13.369 | 13.412 | VV | 362           | 5167    | 0.15%  | 0.006% |
| 302 | 13.437 | 13.412 | 13.453 | PV | 11249         | 130821  | 3.82%  | 0.164% |
| 303 | 13.473 | 13.453 | 13.515 | VV | 17917         | 274349  | 8.01%  | 0.345% |
| 304 | 13.525 | 13.515 | 13.550 | VV | 1225          | 15924   | 0.47%  | 0.020% |
| 305 | 13.564 | 13.550 | 13.585 | VV | 353           | 4870    | 0.14%  | 0.006% |
| 306 | 13.612 | 13.585 | 13.624 | VV | 582           | 8463    | 0.25%  | 0.011% |
| 307 | 13.637 | 13.624 | 13.658 | VV | 521           | 6874    | 0.20%  | 0.009% |
| 308 | 13.705 | 13.658 | 13.732 | PV | 2265          | 61030   | 1.78%  | 0.077% |
| 309 | 13.752 | 13.732 | 13.825 | VV | 3824          | 97553   | 2.85%  | 0.123% |
| 310 | 13.834 | 13.825 | 13.844 | VV | 599           | 5924    | 0.17%  | 0.007% |
| 311 | 13.859 | 13.844 | 13.870 | VV | 680           | 9375    | 0.27%  | 0.012% |
| 312 | 13.915 | 13.870 | 13.990 | VV | 9351          | 149900  | 4.38%  | 0.188% |
| 313 | 14.031 | 13.990 | 14.065 | VV | 2359          | 44094   | 1.29%  | 0.055% |
| 314 | 14.096 | 14.065 | 14.119 | VV | 817           | 17056   | 0.50%  | 0.021% |
| 315 | 14.140 | 14.119 | 14.160 | VV | 1340          | 19232   | 0.56%  | 0.024% |
| 316 | 14.181 | 14.160 | 14.203 | VV | 1429          | 21251   | 0.62%  | 0.027% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 317 | 14.226 | 14.203 | 14.247 | VV | 2694   | 35045   | 1.02%  | 0.044% |
| 318 | 14.275 | 14.247 | 14.293 | VV | 2525   | 38660   | 1.13%  | 0.049% |
| 319 | 14.312 | 14.293 | 14.334 | VV | 1706   | 29121   | 0.85%  | 0.037% |
| 320 | 14.354 | 14.334 | 14.372 | VV | 1065   | 16396   | 0.48%  | 0.021% |
| 321 | 14.404 | 14.372 | 14.450 | VV | 8545   | 116631  | 3.41%  | 0.147% |
| 322 | 14.504 | 14.450 | 14.537 | VV | 816    | 19159   | 0.56%  | 0.024% |
| 323 | 14.547 | 14.537 | 14.558 | VV | 271    | 1930    | 0.06%  | 0.002% |
| 324 | 14.577 | 14.558 | 14.590 | VV | 124    | 1454    | 0.04%  | 0.002% |
| 325 | 14.669 | 14.590 | 14.737 | PV | 15886  | 273064  | 7.98%  | 0.343% |
| 326 | 14.776 | 14.737 | 14.815 | VV | 1326   | 26680   | 0.78%  | 0.034% |
| 327 | 14.842 | 14.815 | 14.882 | PV | 4468   | 69140   | 2.02%  | 0.087% |
| 328 | 14.907 | 14.882 | 14.922 | VV | 870    | 14174   | 0.41%  | 0.018% |
| 329 | 14.947 | 14.922 | 14.996 | VV | 7029   | 111667  | 3.26%  | 0.140% |
| 330 | 15.019 | 14.996 | 15.037 | VV | 2132   | 31405   | 0.92%  | 0.039% |
| 331 | 15.067 | 15.037 | 15.110 | VV | 2156   | 67549   | 1.97%  | 0.085% |
| 332 | 15.133 | 15.110 | 15.147 | VV | 2139   | 37002   | 1.08%  | 0.047% |
| 333 | 15.181 | 15.147 | 15.214 | VV | 64150  | 902524  | 26.36% | 1.135% |
| 334 | 15.228 | 15.214 | 15.260 | VV | 3781   | 87670   | 2.56%  | 0.110% |
| 335 | 15.289 | 15.260 | 15.305 | VV | 3597   | 83539   | 2.44%  | 0.105% |
| 336 | 15.333 | 15.305 | 15.357 | VV | 9970   | 199670  | 5.83%  | 0.251% |
| 337 | 15.379 | 15.357 | 15.412 | VV | 13658  | 291434  | 8.51%  | 0.366% |
| 338 | 15.434 | 15.412 | 15.462 | VV | 5562   | 152356  | 4.45%  | 0.192% |
| 339 | 15.498 | 15.462 | 15.514 | VV | 6369   | 167067  | 4.88%  | 0.210% |
| 340 | 15.531 | 15.514 | 15.555 | VV | 6019   | 138624  | 4.05%  | 0.174% |
| 341 | 15.585 | 15.555 | 15.612 | VV | 5806   | 180714  | 5.28%  | 0.227% |
| 342 | 15.645 | 15.612 | 15.663 | VV | 6080   | 173243  | 5.06%  | 0.218% |
| 343 | 15.685 | 15.663 | 15.708 | VV | 5569   | 147598  | 4.31%  | 0.186% |
| 344 | 15.725 | 15.708 | 15.737 | VV | 5536   | 94807   | 2.77%  | 0.119% |
| 345 | 15.770 | 15.737 | 15.862 | VV | 54559  | 1103059 | 32.22% | 1.387% |
| 346 | 15.911 | 15.862 | 15.952 | VV | 10418  | 327092  | 9.55%  | 0.411% |
| 347 | 15.989 | 15.952 | 16.034 | VV | 6807   | 230411  | 6.73%  | 0.290% |
| 348 | 16.047 | 16.034 | 16.079 | VV | 2858   | 59983   | 1.75%  | 0.075% |
| 349 | 16.096 | 16.079 | 16.110 | VV | 1576   | 26317   | 0.77%  | 0.033% |
| 350 | 16.174 | 16.110 | 16.201 | VV | 1816   | 75506   | 2.21%  | 0.095% |
| 351 | 16.232 | 16.201 | 16.269 | VV | 1777   | 48957   | 1.43%  | 0.062% |
| 352 | 16.293 | 16.269 | 16.323 | VV | 1644   | 30578   | 0.89%  | 0.038% |
| 353 | 16.337 | 16.323 | 16.354 | PV | 432    | 5091    | 0.15%  | 0.006% |
| 354 | 16.377 | 16.354 | 16.394 | PV | 681    | 8661    | 0.25%  | 0.011% |
| 355 | 16.416 | 16.394 | 16.448 | VV | 6114   | 88526   | 2.59%  | 0.111% |
| 356 | 16.478 | 16.448 | 16.499 | VV | 1079   | 20156   | 0.59%  | 0.025% |
| 357 | 16.719 | 16.499 | 16.762 | PV | 5659   | 273044  | 7.97%  | 0.343% |
| 358 | 16.792 | 16.762 | 16.839 | VV | 11914  | 299565  | 8.75%  | 0.377% |
| 359 | 16.903 | 16.839 | 16.925 | VV | 18329  | 423555  | 12.37% | 0.533% |
| 360 | 16.933 | 16.925 | 16.962 | VV | 7490   | 131248  | 3.83%  | 0.165% |
| 361 | 16.984 | 16.962 | 17.003 | VV | 7100   | 147493  | 4.31%  | 0.185% |
| 362 | 17.036 | 17.003 | 17.079 | VV | 14111  | 362982  | 10.60% | 0.456% |
| 363 | 17.097 | 17.079 | 17.109 | VV | 6264   | 108726  | 3.18%  | 0.137% |
| 364 | 17.125 | 17.109 | 17.137 | VV | 6097   | 101034  | 2.95%  | 0.127% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 365 | 17.157 | 17.137 | 17.177 | VV | 6635  | 145154  | 4.24%  | 0.182% |
| 366 | 17.228 | 17.177 | 17.257 | VV | 10904 | 336683  | 9.83%  | 0.423% |
| 367 | 17.287 | 17.257 | 17.342 | VV | 11164 | 311087  | 9.09%  | 0.391% |
| 368 | 17.373 | 17.342 | 17.397 | VV | 8928  | 203115  | 5.93%  | 0.255% |
| 369 | 17.421 | 17.397 | 17.475 | VV | 27095 | 506351  | 14.79% | 0.637% |
| 370 | 17.497 | 17.475 | 17.558 | VV | 2402  | 62389   | 1.82%  | 0.078% |
| 371 | 17.606 | 17.558 | 17.620 | PV | 1025  | 26601   | 0.78%  | 0.033% |
| 372 | 17.640 | 17.620 | 17.652 | VV | 1588  | 20602   | 0.60%  | 0.026% |
| 373 | 17.669 | 17.652 | 17.690 | VV | 1506  | 24782   | 0.72%  | 0.031% |
| 374 | 17.741 | 17.690 | 17.784 | VV | 13484 | 273223  | 7.98%  | 0.344% |
| 375 | 17.824 | 17.784 | 17.866 | VV | 10402 | 207476  | 6.06%  | 0.261% |
| 376 | 17.875 | 17.866 | 17.885 | VV | 1492  | 14718   | 0.43%  | 0.019% |
| 377 | 17.910 | 17.885 | 17.935 | VV | 3069  | 57439   | 1.68%  | 0.072% |
| 378 | 17.976 | 17.935 | 17.995 | VV | 2046  | 51585   | 1.51%  | 0.065% |
| 379 | 18.006 | 17.995 | 18.020 | VV | 1276  | 11938   | 0.35%  | 0.015% |
| 380 | 18.053 | 18.020 | 18.075 | VV | 2075  | 30242   | 0.88%  | 0.038% |
| 381 | 18.113 | 18.075 | 18.127 | VV | 2134  | 28307   | 0.83%  | 0.036% |
| 382 | 18.158 | 18.127 | 18.174 | VV | 3505  | 47110   | 1.38%  | 0.059% |
| 383 | 18.196 | 18.174 | 18.206 | PV | 2934  | 34420   | 1.01%  | 0.043% |
| 384 | 18.224 | 18.206 | 18.238 | VV | 4477  | 61521   | 1.80%  | 0.077% |
| 385 | 18.266 | 18.238 | 18.282 | VV | 9008  | 150545  | 4.40%  | 0.189% |
| 386 | 18.291 | 18.282 | 18.312 | VV | 4878  | 68007   | 1.99%  | 0.086% |
| 387 | 18.359 | 18.312 | 18.394 | VV | 11915 | 331723  | 9.69%  | 0.417% |
| 388 | 18.431 | 18.394 | 18.452 | VV | 7121  | 195398  | 5.71%  | 0.246% |
| 389 | 18.467 | 18.452 | 18.480 | VV | 6534  | 93080   | 2.72%  | 0.117% |
| 390 | 18.503 | 18.480 | 18.527 | VV | 5436  | 120314  | 3.51%  | 0.151% |
| 391 | 18.536 | 18.527 | 18.549 | VV | 4952  | 47878   | 1.40%  | 0.060% |
| 392 | 18.628 | 18.549 | 18.658 | VV | 26434 | 659584  | 19.26% | 0.829% |
| 393 | 18.689 | 18.658 | 18.722 | VV | 15179 | 343264  | 10.03% | 0.432% |
| 394 | 18.731 | 18.722 | 18.739 | VV | 3373  | 26123   | 0.76%  | 0.033% |
| 395 | 18.759 | 18.739 | 18.768 | VV | 5264  | 70009   | 2.04%  | 0.088% |
| 396 | 18.795 | 18.768 | 18.805 | VV | 8914  | 149278  | 4.36%  | 0.188% |
| 397 | 18.826 | 18.805 | 18.840 | VV | 9988  | 170969  | 4.99%  | 0.215% |
| 398 | 18.864 | 18.840 | 18.874 | VV | 9512  | 146755  | 4.29%  | 0.185% |
| 399 | 18.887 | 18.874 | 18.897 | VV | 9148  | 107403  | 3.14%  | 0.135% |
| 400 | 18.928 | 18.897 | 18.939 | VV | 15543 | 280743  | 8.20%  | 0.353% |
| 401 | 18.947 | 18.939 | 18.958 | VV | 12163 | 124033  | 3.62%  | 0.156% |
| 402 | 18.996 | 18.958 | 19.025 | VV | 14030 | 472998  | 13.82% | 0.595% |
| 403 | 19.053 | 19.025 | 19.078 | VV | 15966 | 430958  | 12.59% | 0.542% |
| 404 | 19.098 | 19.078 | 19.124 | VV | 19968 | 393948  | 11.51% | 0.495% |
| 405 | 19.132 | 19.124 | 19.149 | VV | 12408 | 156351  | 4.57%  | 0.197% |
| 406 | 19.201 | 19.149 | 19.220 | VV | 15673 | 483660  | 14.13% | 0.608% |
| 407 | 19.228 | 19.220 | 19.259 | VV | 12412 | 234339  | 6.84%  | 0.295% |
| 408 | 19.268 | 19.259 | 19.282 | VV | 12692 | 141499  | 4.13%  | 0.178% |
| 409 | 19.347 | 19.282 | 19.356 | VV | 14071 | 518812  | 15.15% | 0.652% |
| 410 | 19.462 | 19.356 | 19.495 | VV | 42468 | 2110711 | 61.65% | 2.654% |
| 411 | 19.503 | 19.495 | 19.528 | VV | 31416 | 568642  | 16.61% | 0.715% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 412 | 19.537 | 19.528 | 19.552 | VV | 27586  | 364786  | 10.65%  | 0.459% |
| 413 | 19.606 | 19.552 | 19.637 | VV | 29105  | 1208365 | 35.29%  | 1.519% |
| 414 | 19.659 | 19.637 | 19.670 | VV | 23446  | 435484  | 12.72%  | 0.548% |
| 415 | 19.680 | 19.670 | 19.699 | VV | 24684  | 389539  | 11.38%  | 0.490% |
| 416 | 19.710 | 19.699 | 19.744 | VV | 23135  | 540060  | 15.77%  | 0.679% |
| 417 | 19.757 | 19.744 | 19.780 | VV | 22829  | 429385  | 12.54%  | 0.540% |
| 418 | 19.801 | 19.780 | 19.812 | VV | 25487  | 398216  | 11.63%  | 0.501% |
| 419 | 19.823 | 19.812 | 19.832 | VV | 21185  | 228966  | 6.69%   | 0.288% |
| 420 | 19.847 | 19.832 | 19.872 | VV | 24851  | 501829  | 14.66%  | 0.631% |
| 421 | 19.904 | 19.872 | 19.923 | VV | 25007  | 668168  | 19.52%  | 0.840% |
| 422 | 19.941 | 19.923 | 19.950 | VV | 27295  | 377011  | 11.01%  | 0.474% |
| 423 | 20.014 | 19.950 | 20.027 | VV | 36180  | 1411342 | 41.22%  | 1.774% |
| 424 | 20.080 | 20.027 | 20.113 | VV | 39076  | 1755663 | 51.28%  | 2.207% |
| 425 | 20.123 | 20.113 | 20.137 | VV | 31982  | 429813  | 12.55%  | 0.540% |
| 426 | 20.184 | 20.137 | 20.229 | VV | 34131  | 1659934 | 48.48%  | 2.087% |
| 427 | 20.271 | 20.229 | 20.299 | VV | 40355  | 1474759 | 43.07%  | 1.854% |
| 428 | 20.309 | 20.299 | 20.319 | VV | 34994  | 383593  | 11.20%  | 0.482% |
| 429 | 20.344 | 20.319 | 20.352 | VV | 44269  | 727235  | 21.24%  | 0.914% |
| 430 | 20.376 | 20.352 | 20.387 | VV | 49702  | 897670  | 26.22%  | 1.129% |
| 431 | 20.459 | 20.387 | 20.477 | VV | 60447  | 2681298 | 78.31%  | 3.371% |
| 432 | 20.528 | 20.477 | 20.595 | VV | 56887  | 3249126 | 94.90%  | 4.085% |
| 433 | 20.611 | 20.595 | 20.619 | VV | 48779  | 619713  | 18.10%  | 0.779% |
| 434 | 20.637 | 20.619 | 20.646 | VV | 53026  | 797507  | 23.29%  | 1.003% |
| 435 | 20.652 | 20.646 | 20.662 | VV | 50495  | 470253  | 13.73%  | 0.591% |
| 436 | 20.667 | 20.662 | 20.677 | VV | 53349  | 441543  | 12.90%  | 0.555% |
| 437 | 20.699 | 20.677 | 20.714 | VV | 58890  | 1163604 | 33.99%  | 1.463% |
| 438 | 20.722 | 20.714 | 20.747 | VV | 53934  | 1007767 | 29.43%  | 1.267% |
| 439 | 20.806 | 20.747 | 20.845 | VV | 69232  | 3217323 | 93.97%  | 4.045% |
| 440 | 20.866 | 20.845 | 20.894 | VV | 50567  | 1412784 | 41.26%  | 1.776% |
| 441 | 20.922 | 20.894 | 20.947 | VV | 54688  | 1533467 | 44.79%  | 1.928% |
| 442 | 20.988 | 20.947 | 20.999 | VV | 53341  | 1547890 | 45.21%  | 1.946% |
| 443 | 21.007 | 20.999 | 21.037 | VV | 48800  | 1027620 | 30.01%  | 1.292% |
| 444 | 21.063 | 21.037 | 21.111 | VV | 44401  | 1745360 | 50.98%  | 2.194% |
| 445 | 21.136 | 21.111 | 21.145 | VV | 41550  | 778598  | 22.74%  | 0.979% |
| 446 | 21.213 | 21.145 | 21.270 | VV | 53897  | 3423785 | 100.00% | 4.305% |
| 447 | 21.311 | 21.270 | 21.330 | VV | 47769  | 1561130 | 45.60%  | 1.963% |
| 448 | 21.342 | 21.330 | 21.372 | VV | 39767  | 912711  | 26.66%  | 1.148% |
| 449 | 21.379 | 21.372 | 21.422 | VV | 37090  | 1025155 | 29.94%  | 1.289% |
| 450 | 21.443 | 21.422 | 21.494 | VV | 36564  | 1256246 | 36.69%  | 1.579% |
| 451 | 21.533 | 21.494 | 21.540 | VV | 29838  | 716067  | 20.91%  | 0.900% |
| 452 | 21.574 | 21.540 | 21.589 | VV | 34301  | 916620  | 26.77%  | 1.152% |
| 453 | 21.596 | 21.589 | 21.607 | VV | 33890  | 332055  | 9.70%   | 0.417% |
| 454 | 21.613 | 21.607 | 21.664 | VV | 30211  | 875911  | 25.58%  | 1.101% |
| 455 | 21.766 | 21.664 | 21.785 | VV | 38791  | 2299089 | 67.15%  | 2.891% |
| 456 | 21.792 | 21.785 | 21.885 | VV | 38307  | 1434095 | 41.89%  | 1.803% |
| 457 | 21.898 | 21.885 | 21.910 | VV | 13918  | 177201  | 5.18%   | 0.223% |
| 458 | 21.948 | 21.910 | 21.955 | VV | 16478  | 381885  | 11.15%  | 0.480% |
| 459 | 21.977 | 21.955 | 22.008 | VV | 21834  | 567068  | 16.56%  | 0.713% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 460 | 22.021 | 22.008 | 22.030 | VV | 17016  | 196888 | 5.75%  | 0.248% |
| 461 | 22.044 | 22.030 | 22.065 | VV | 14814  | 288291 | 8.42%  | 0.362% |
| 462 | 22.102 | 22.065 | 22.123 | VV | 25547  | 648809 | 18.95% | 0.816% |
| 463 | 22.141 | 22.123 | 22.165 | VV | 22636  | 419426 | 12.25% | 0.527% |
| 464 | 22.186 | 22.165 | 22.234 | VV | 18078  | 659025 | 19.25% | 0.829% |
| 465 | 22.241 | 22.234 | 22.280 | VV | 19534  | 347686 | 10.16% | 0.437% |
| 466 | 22.298 | 22.280 | 22.327 | VV | 13911  | 318583 | 9.30%  | 0.401% |
| 467 | 22.353 | 22.327 | 22.367 | VV | 13980  | 282410 | 8.25%  | 0.355% |
| 468 | 22.386 | 22.367 | 22.430 | VV | 17775  | 382314 | 11.17% | 0.481% |
| 469 | 22.435 | 22.430 | 22.450 | VV | 5356   | 42716  | 1.25%  | 0.054% |
| 470 | 22.471 | 22.450 | 22.480 | VV | 3956   | 32450  | 0.95%  | 0.041% |

Sum of corrected areas: 79538685

FG080525.M Fri Sep 05 04:56:53 2025



# CALIBRATION SUMMARY

**TPH GC INITIAL CALIBRATION SUMMARY**

Lab Name: Alliance

Contract: SCIA01

ProjectID: 29-35 Frelinghuysen Ave, Newark

Lab Code: ACE

SDG No.: Q3012

| Calibration Sequence : FG080525 |            | Test : TPH GC    |                  |
|---------------------------------|------------|------------------|------------------|
| Concentration (PPM)             | Area Count | Reference Factor | File ID          |
| 1700                            | 159549953  | 93853            | FG016345.D       |
| 850                             | 82027875   | 96503            | FG016346.D       |
| 340                             | 33685502   | 99075            | FG016347.D       |
| 170                             | 17686270   | 104037           | FG016348.D       |
| 85                              | 8678686    | 102102           | FG016349.D       |
| AVG RF : 99114                  |            | % RSD : 4.15     | AVG RT : 15.2092 |

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: SCIA01  
ProjectID: 29-35 Frelinghuysen Ave, Newark  
Lab Code: ACE SDG No.: Q3012  
DataFile: FG016539.D Analyst Name: YP\AJ Analyst Date: 09-04-2025

| Conc. (PPM) | Area Count | RF     | Average RF | %D    |
|-------------|------------|--------|------------|-------|
| 850         | 90021922   | 105908 | 99114      | 6.855 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016539.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 10:08  
 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: Sample.e  
 Quant Time: Sep 05 03:44:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.178 | 5538478  | 58.132 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.103  | 5899087  | 55.589 ug/ml  |
| 2) N-DECANE                   | 4.649  | 6218955  | 57.548 ug/ml  |
| 3) N-DODECANE                 | 6.832  | 6295179  | 57.925 ug/ml  |
| 4) N-TETRADECANE              | 8.672  | 6382528  | 58.373 ug/ml  |
| 5) N-HEXADECANE               | 10.291 | 6345025  | 58.373 ug/ml  |
| 6) N-OCTADECANE               | 11.745 | 6468112  | 58.474 ug/ml  |
| 7) N-EICOSANE                 | 13.064 | 6597392  | 58.371 ug/ml  |
| 8) N-DOCOSANE                 | 14.272 | 6389370  | 58.159 ug/ml  |
| 10) N-TETRACOSANE             | 15.383 | 6372084  | 58.154 ug/ml  |
| 11) N-HEXACOSANE              | 16.411 | 6170163  | 57.693 ug/ml  |
| 12) N-OCTACOSANE              | 17.368 | 6207306  | 57.618 ug/ml  |
| 13) N-TRIACONTANE             | 18.261 | 6226567  | 57.146 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.099 | 6027378  | 57.223 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.887 | 5391143  | 56.578 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.631 | 4392947  | 58.792 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.413 | 3590038  | 59.876 ug/mlm |
| 18) N-TETRACONTANE            | 22.408 | 3031633  | 72.127 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

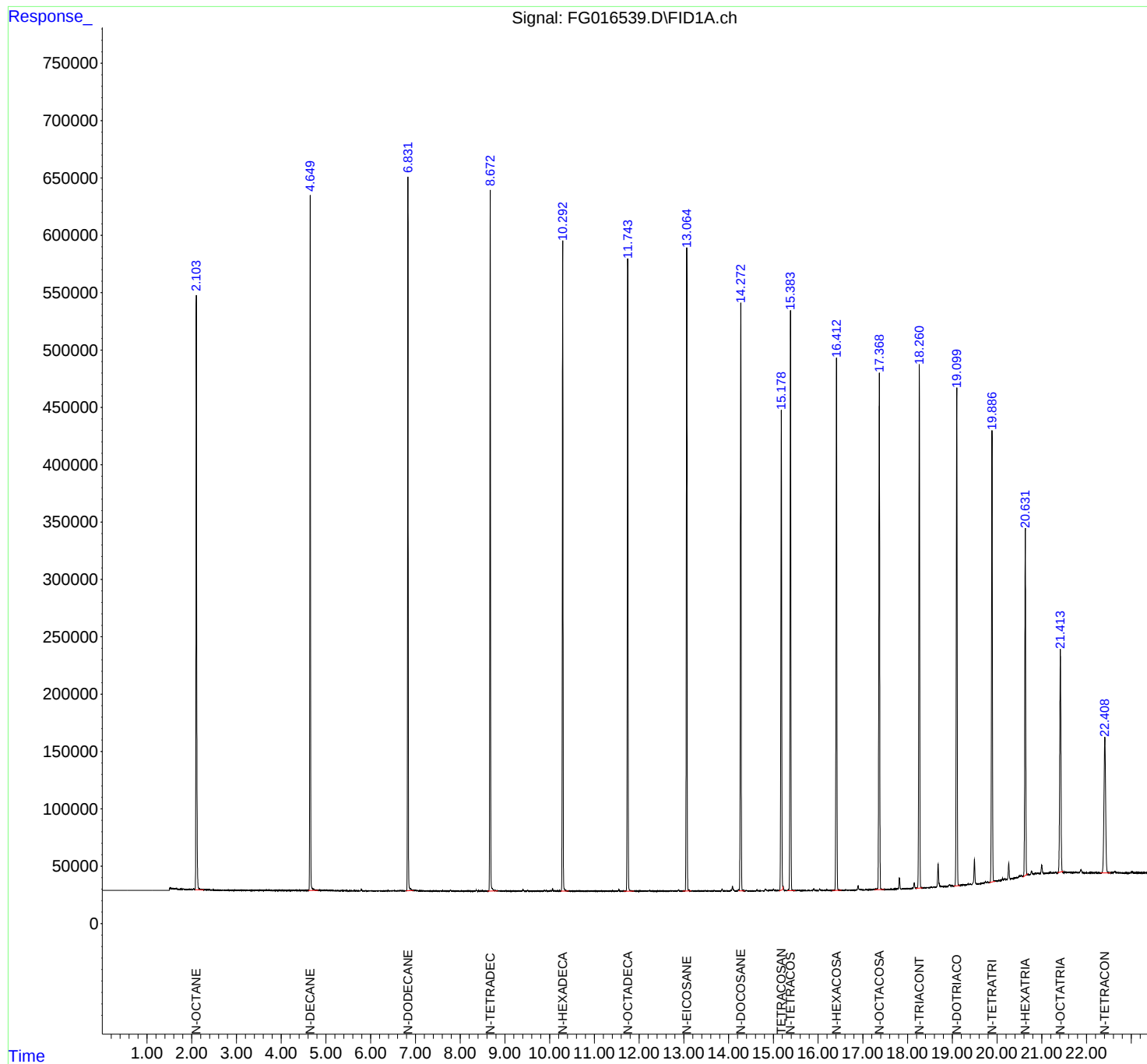
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016539.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 10:08  
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: Sample.e  
Quant Time: Sep 05 03:44:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016539.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 10:08  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 2.103       | 2.072        | 2.275      | PB       | 515833         | 5899087      | 89.42%         | 5.692%        |
| 2                       | 4.649       | 4.608        | 4.828      | BB       | 603761         | 6218955      | 94.26%         | 6.001%        |
| 3                       | 6.832       | 6.788        | 6.965      | BV       | 620616         | 6295179      | 95.42%         | 6.074%        |
| 4                       | 8.672       | 8.608        | 8.842      | BB       | 604784         | 6382528      | 96.74%         | 6.159%        |
| 5                       | 10.291      | 10.245       | 10.425     | PB       | 568945         | 6345025      | 96.17%         | 6.122%        |
| 6                       | 11.745      | 11.652       | 11.888     | BB       | 554410         | 6468112      | 98.04%         | 6.241%        |
| 7                       | 13.064      | 12.972       | 13.165     | BB       | 558363         | 6597392      | 100.00%        | 6.366%        |
| 8                       | 14.272      | 14.233       | 14.365     | VV       | 510039         | 6389370      | 96.85%         | 6.165%        |
| 9                       | 15.178      | 15.135       | 15.252     | PV       | 418279         | 5596449      | 84.83%         | 5.400%        |
| 10                      | 15.383      | 15.312       | 15.495     | BB       | 502417         | 6372084      | 96.58%         | 6.148%        |
| 11                      | 16.411      | 16.312       | 16.525     | BB       | 463382         | 6170163      | 93.52%         | 5.954%        |
| 12                      | 17.368      | 17.265       | 17.482     | VB       | 450450         | 6207306      | 94.09%         | 5.989%        |
| 13                      | 18.261      | 18.178       | 18.335     | PV       | 456139         | 6226567      | 94.38%         | 6.008%        |
| 14                      | 19.099      | 19.032       | 19.172     | BV       | 428559         | 6027378      | 91.36%         | 5.816%        |
| 15                      | 19.887      | 19.828       | 19.952     | BV       | 388005         | 5391143      | 81.72%         | 5.202%        |
| 16                      | 20.631      | 20.588       | 20.672     | M        | 302892         | 4390977      | 66.56%         | 4.237%        |
| 17                      | 21.413      | 21.357       | 21.486     | M        | 195014         | 3627691      | 54.99%         | 3.500%        |
| 18                      | 22.408      | 22.308       | 22.535     | BV       | 118450         | 3031633      | 45.95%         | 2.925%        |
| Sum of corrected areas: |             |              |            |          |                | 103637038    |                |               |

FG080525.M Fri Sep 05 04:25:46 2025

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: SCIA01  
ProjectID: 29-35 Frelinghuysen Ave, Newark  
Lab Code: ACE SDG No.: Q3012  
DataFile: FG016546.D Analyst Name: YP\AJ Analyst Date: 09-04-2025

| Conc. (PPM) | Area Count | RF    | Average RF | %D    |
|-------------|------------|-------|------------|-------|
| 850         | 77067593   | 90668 | 99114      | 8.522 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016546.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 14:46  
 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: Sample.e  
 Quant Time: Sep 05 03:46:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.183 | 4546058  | 47.716 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.104  | 4846312  | 45.669 ug/ml  |
| 2) N-DECANE                   | 4.651  | 5109337  | 47.280 ug/ml  |
| 3) N-DODECANE                 | 6.834  | 5193604  | 47.789 ug/ml  |
| 4) N-TETRADECANE              | 8.676  | 5252447  | 48.038 ug/ml  |
| 5) N-HEXADECANE               | 10.295 | 5235118  | 48.162 ug/ml  |
| 6) N-OCTADECANE               | 11.749 | 5328505  | 48.171 ug/ml  |
| 7) N-EICOSANE                 | 13.069 | 5434403  | 48.081 ug/ml  |
| 8) N-DOCOSANE                 | 14.277 | 5252949  | 47.815 ug/ml  |
| 10) N-TETRACOSANE             | 15.389 | 5213020  | 47.576 ug/ml  |
| 11) N-HEXACOSANE              | 16.417 | 5029372  | 47.026 ug/ml  |
| 12) N-OCTACOSANE              | 17.373 | 5106454  | 47.399 ug/ml  |
| 13) N-TRIACONTANE             | 18.268 | 5025986  | 46.127 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.106 | 4999363  | 47.463 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.896 | 4408221  | 46.263 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.638 | 3622873  | 48.486 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.424 | 3028338  | 50.508 ug/mlm |
| 18) N-TETRACONTANE            | 22.424 | 2765538  | 65.796 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

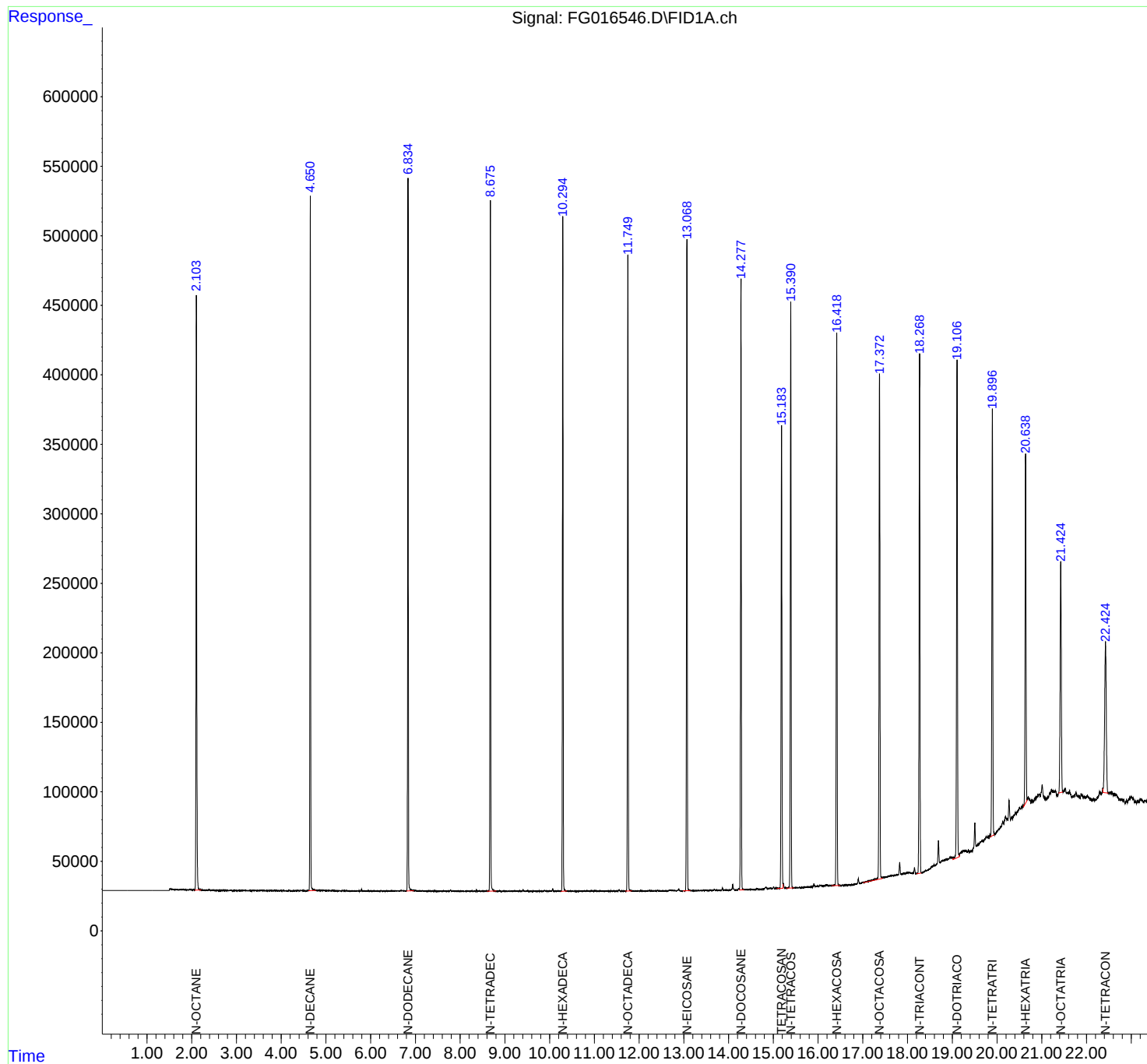
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016546.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 14:46  
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: Sample.e  
Quant Time: Sep 05 03:46:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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\_G\Data\FG090425\  
Data File : FG016546.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 14:46  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 2.104       | 2.063        | 2.214      | PB       | 427939         | 4846312      | 89.18%         | 5.656%        |
| 2                       | 4.651       | 4.607        | 4.779      | BB       | 499201         | 5109337      | 94.02%         | 5.963%        |
| 3                       | 6.834       | 6.799        | 6.969      | BB       | 511496         | 5193604      | 95.57%         | 6.062%        |
| 4                       | 8.676       | 8.599        | 8.804      | BB       | 496979         | 5252447      | 96.65%         | 6.130%        |
| 5                       | 10.295      | 10.257       | 10.389     | BB       | 483874         | 5235118      | 96.33%         | 6.110%        |
| 6                       | 11.749      | 11.696       | 11.839     | BB       | 457334         | 5328505      | 98.05%         | 6.219%        |
| 7                       | 13.069      | 12.981       | 13.149     | BB       | 468378         | 5434403      | 100.00%        | 6.343%        |
| 8                       | 14.277      | 14.241       | 14.351     | VB       | 438458         | 5252949      | 96.66%         | 6.131%        |
| 9                       | 15.183      | 15.079       | 15.216     | BV       | 332166         | 4546058      | 83.65%         | 5.306%        |
| 10                      | 15.389      | 15.291       | 15.459     | BV       | 418290         | 5213020      | 95.93%         | 6.084%        |
| 11                      | 16.417      | 16.297       | 16.497     | BB       | 394088         | 5029372      | 92.55%         | 5.870%        |
| 12                      | 17.373      | 17.002       | 17.432     | PV       | 360419         | 5106454      | 93.97%         | 5.960%        |
| 13                      | 18.268      | 18.206       | 18.309     | BV       | 371172         | 5025986      | 92.48%         | 5.866%        |
| 14                      | 19.106      | 19.014       | 19.159     | VV       | 356257         | 4999363      | 91.99%         | 5.835%        |
| 15                      | 19.896      | 19.853       | 19.943     | VV       | 306447         | 4408221      | 81.12%         | 5.145%        |
| 16                      | 20.638      | 20.600       | 20.669     | M        | 250608         | 3590452      | 66.07%         | 4.191%        |
| 17                      | 21.424      | 21.377       | 21.463     | M        | 166077         | 3018488      | 55.54%         | 3.523%        |
| 18                      | 22.425      | 22.333       | 22.482     | VV       | 111810         | 3088929      | 56.84%         | 3.605%        |
| Sum of corrected areas: |             |              |            |          |                |              | 85679018       |               |

FG080525.M Fri Sep 05 04:29:34 2025

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: SCIA01  
ProjectID: 29-35 Frelinghuysen Ave, Newark  
Lab Code: ACE SDG No.: Q3012  
DataFile: FG016552.D Analyst Name: YP\AJ Analyst Date: 09-04-2025

| Conc. (PPM) | Area Count | RF    | Average RF | %D    |
|-------------|------------|-------|------------|-------|
| 850         | 77066757   | 90667 | 99114      | 8.523 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016552.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 18:14  
 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: Sample.e  
 Quant Time: Sep 05 03:49:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.191 | 4219857  | 44.292 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.106  | 4640132  | 43.726 ug/ml  |
| 2) N-DECANE                   | 4.655  | 4905086  | 45.390 ug/ml  |
| 3) N-DODECANE                 | 6.839  | 4981228  | 45.835 ug/ml  |
| 4) N-TETRADECANE              | 8.681  | 5035221  | 46.051 ug/ml  |
| 5) N-HEXADECANE               | 10.300 | 4986931  | 45.879 ug/ml  |
| 6) N-OCTADECANE               | 11.755 | 5046456  | 45.622 ug/ml  |
| 7) N-EICOSANE                 | 13.075 | 5108284  | 45.196 ug/ml  |
| 8) N-DOCOSANE                 | 14.284 | 4899413  | 44.597 ug/ml  |
| 10) N-TETRACOSANE             | 15.396 | 4830620  | 44.086 ug/ml  |
| 11) N-HEXACOSANE              | 16.426 | 4624981  | 43.245 ug/mlm |
| 12) N-OCTACOSANE              | 17.382 | 4627541  | 42.954 ug/mlm |
| 13) N-TRIACONTANE             | 18.276 | 4725021  | 43.365 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.113 | 4572631  | 43.412 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.904 | 4315532  | 45.290 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.648 | 3495408  | 46.780 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.436 | 3326952  | 55.488 ug/mlm |
| 18) N-TETRACONTANE            | 22.441 | 2945320  | 70.073 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

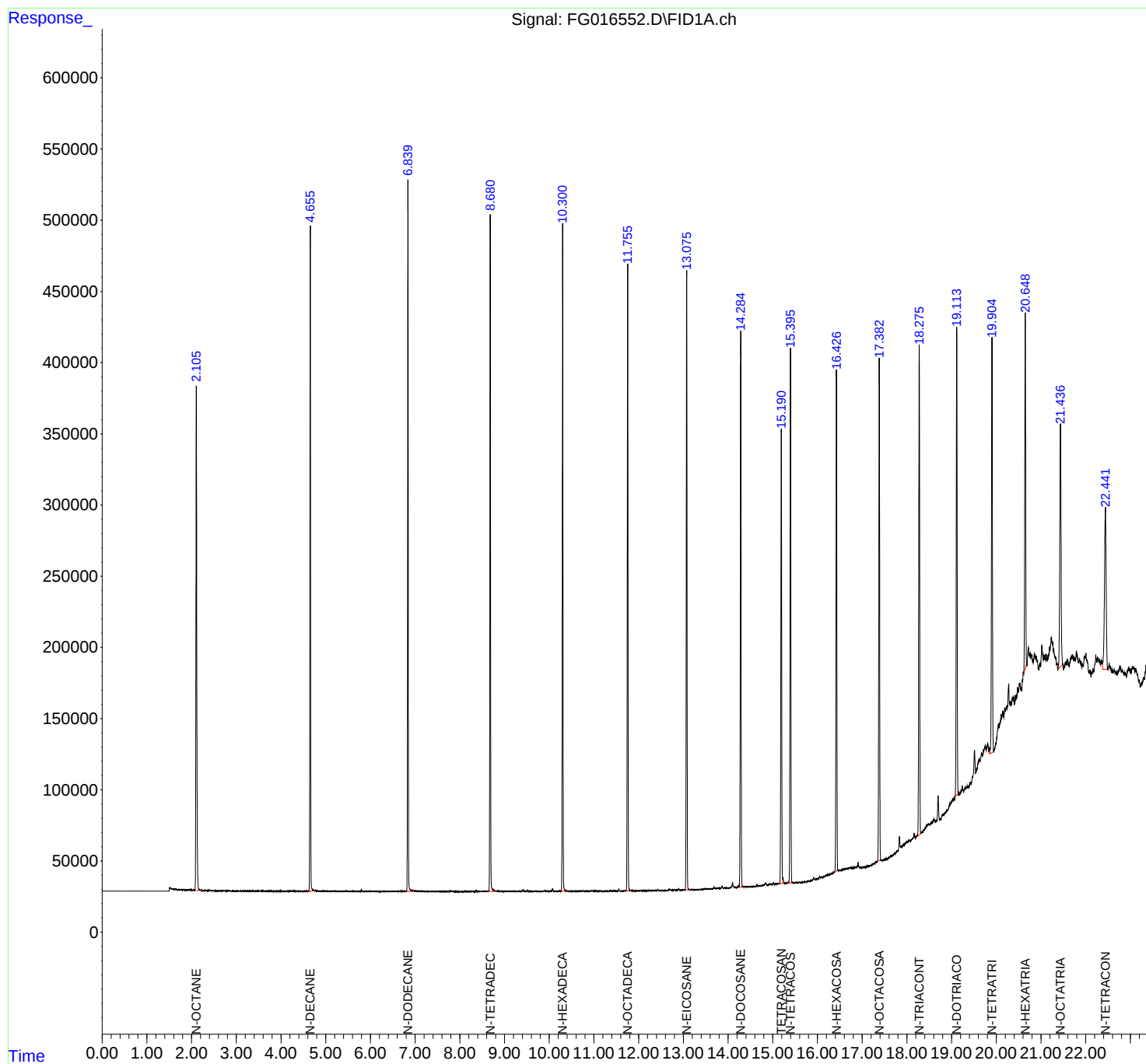
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016552.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 18:14  
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: Sample.e  
Quant Time: Sep 05 03:49:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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\_G\Data\FG090425\  
Data File : FG016552.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 18:14  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 2.106       | 2.069        | 2.227      | PB       | 354381         | 4640132      | 90.84%         | 5.654%        |
| 2                       | 4.655       | 4.577        | 4.770      | BB       | 468171         | 4905086      | 96.02%         | 5.977%        |
| 3                       | 6.839       | 6.794        | 6.979      | BB       | 498916         | 4981228      | 97.51%         | 6.070%        |
| 4                       | 8.681       | 8.619        | 8.829      | BB       | 474033         | 5035221      | 98.57%         | 6.135%        |
| 5                       | 10.300      | 10.262       | 10.400     | BB       | 466409         | 4986931      | 97.62%         | 6.077%        |
| 6                       | 11.755      | 11.717       | 11.829     | BV       | 441201         | 5046456      | 98.79%         | 6.149%        |
| 7                       | 13.075      | 13.029       | 13.159     | BB       | 435047         | 5108284      | 100.00%        | 6.225%        |
| 8                       | 14.284      | 14.248       | 14.369     | VB       | 390206         | 4899413      | 95.91%         | 5.970%        |
| 9                       | 15.191      | 15.143       | 15.222     | PV       | 319129         | 4219857      | 82.61%         | 5.142%        |
| 10                      | 15.396      | 15.302       | 15.455     | BB       | 375092         | 4830620      | 94.56%         | 5.886%        |
| 11                      | 16.425      | 16.234       | 16.484     | VV       | 351174         | 4879301      | 95.52%         | 5.946%        |
| 12                      | 17.382      | 17.015       | 17.435     | PV       | 349250         | 4619722      | 90.44%         | 5.629%        |
| 13                      | 18.276      | 18.187       | 18.309     | PV       | 342690         | 4725021      | 92.50%         | 5.758%        |
| 14                      | 19.115      | 19.066       | 19.160     | VV       | 332139         | 4825347      | 94.46%         | 5.880%        |
| 15                      | 19.904      | 19.854       | 19.942     | VV       | 291112         | 4315532      | 84.48%         | 5.259%        |
| 16                      | 20.648      | 20.614       | 20.676     | M        | 250420         | 3508963      | 68.69%         | 4.276%        |
| 17                      | 21.436      | 21.379       | 21.494     | M        | 170858         | 3350558      | 65.59%         | 4.083%        |
| 18                      | 22.440      | 22.375       | 22.489     | VV       | 116887         | 3189359      | 62.44%         | 3.886%        |
| Sum of corrected areas: |             |              |            |          |                | 82067032     |                |               |

FG080525.M Fri Sep 05 04:49:02 2025

## Analytical Sequence

**Client:** Sciacca General Contractors, LLC

**SDG No.:** Q3012

**Project:** 29-35 Frelinghuysen Ave, Newark

**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 15.2092 |                  |                           |            |        |   |
|---------------------------------------------------|------------------|---------------------------|------------|--------|---|
| CLIENT<br>SAMPLE NO.                              | LAB<br>SAMPLE ID | DATE AND TIME<br>ANALYZED | DATAFILE   | RT     | # |
| PIBLK01                                           | LBLK01           | 04 Sep 2025 09:39         | FG016538.D | 15.176 |   |
| 50 PPM TRPH STD                                   | 50 PPM TRPH STD  | 04 Sep 2025 10:08         | FG016539.D | 15.178 |   |
| WASTE                                             | Q3012-01         | 04 Sep 2025 12:48         | FG016543.D | 15.133 |   |
| PIBLK02                                           | LBLK02           | 04 Sep 2025 14:16         | FG016545.D | 15.182 |   |
| 50 PPM TRPH STD                                   | 50 PPM TRPH STD  | 04 Sep 2025 14:46         | FG016546.D | 15.183 |   |
| PB169544BL                                        | PB169544BL       | 04 Sep 2025 15:16         | FG016547.D | 15.181 |   |
| PB169544BS                                        | PB169544BS       | 04 Sep 2025 15:45         | FG016548.D | 15.180 |   |
| AU-05-082925MS                                    | Q2998-01MS       | 04 Sep 2025 16:15         | FG016549.D | 15.136 |   |
| AU-05-082925MSD                                   | Q2998-01MSD      | 04 Sep 2025 16:45         | FG016550.D | 15.156 |   |
| PIBLK03                                           | LBLK03           | 04 Sep 2025 17:15         | FG016551.D | 15.191 |   |
| 50 PPM TRPH STD                                   | 50 PPM TRPH STD  | 04 Sep 2025 18:14         | FG016552.D | 15.191 |   |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                  |          |                    |        |           |
|--------------------|----------------------------------|----------|--------------------|--------|-----------|
| Client:            | Sciacca General Contractors, LLC |          | Date Collected:    |        |           |
| Project:           | 29-35 Frelinghuysen Ave, Newark  |          | Date Received:     |        |           |
| Client Sample ID:  | PB169544BL                       |          | SDG No.:           | Q3012  |           |
| Lab Sample ID:     | PB169544BL                       |          | Matrix:            | SOIL   |           |
| Analytical Method: | 8015D TPH                        |          | % Solid:           | 100    | Decanted: |
| Sample Wt/Vol:     | 30.01                            | Units: g | Final Vol:         | 1      | mL        |
| Soil Aliquot Vol:  |                                  | uL       | Test:              | TPH GC |           |
| Extraction Type:   |                                  |          | Injection Volume : |        |           |
| GPC Factor :       |                                  | PH :     |                    |        |           |
| Prep Method :      | SW3541                           |          |                    |        |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016547.D        | 1         | 09/04/25 08:45 | 09/04/25 15:16 | PB169544      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 384   | U         | 384      | 2830       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 20.2  |           | 37 - 130 | 101%       | SPK: 20           |

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016547.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 15:16  
Operator : YP\AJ  
Sample : PB169544BL  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB169544BL

Integration File: Sample.e  
Quant Time: Sep 05 03:47:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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... | 15.181 | 1921104  | 20.164 ug/ml |

Target Compounds

-----

(f)=RT Delta > 1/2 Window

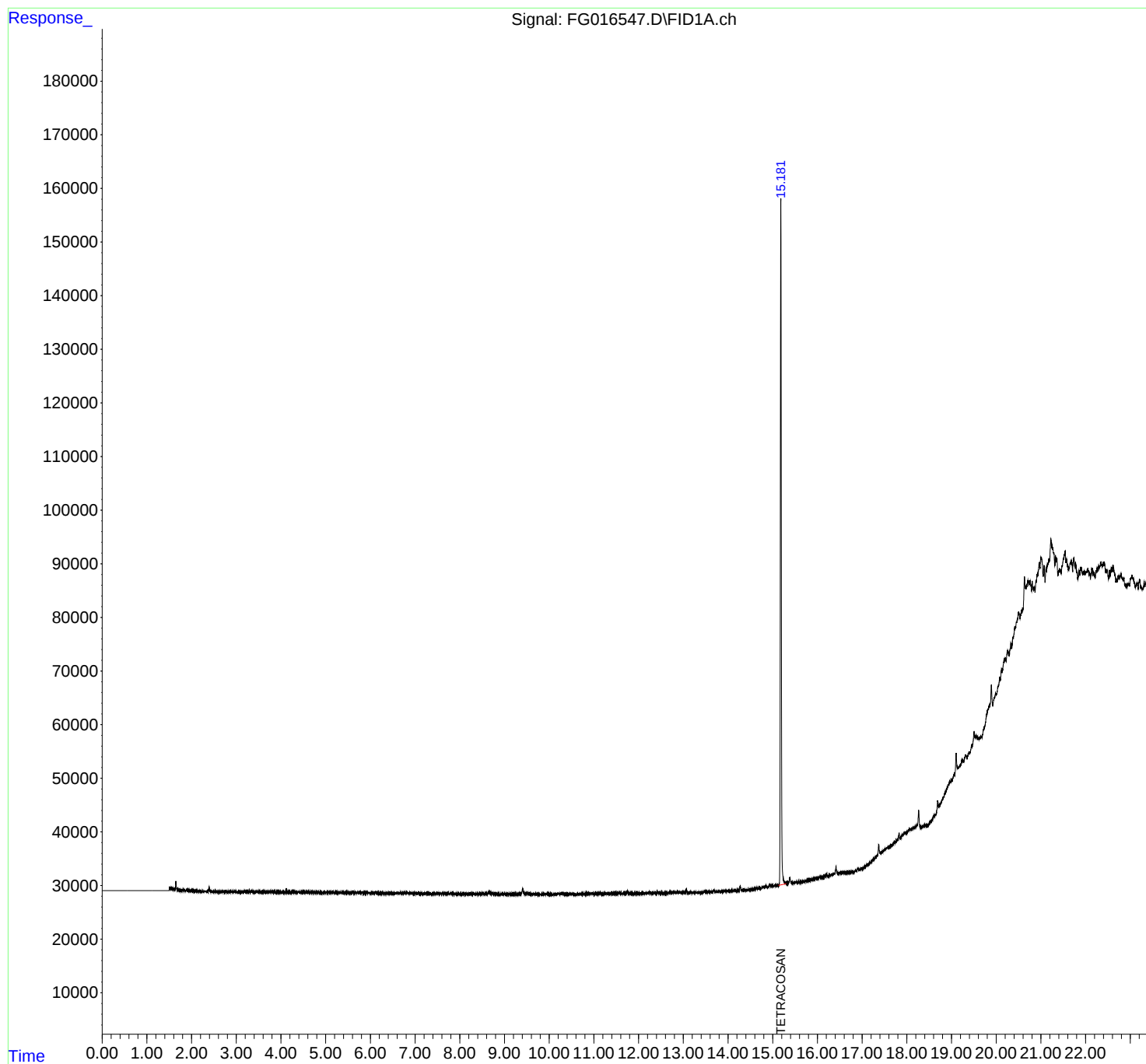
(m)=manual int.

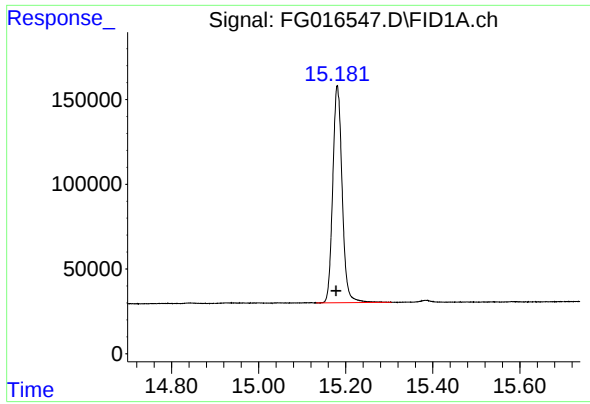
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016547.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 15:16  
Operator : YP\AJ  
Sample : PB169544BL  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB169544BL

Integration File: Sample.e  
Quant Time: Sep 05 03:47:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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.: 15.181 min  
Delta R.T.: 0.003 min  
Response: 1921104  
Conc: 20.16 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB169544BL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016547.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 15:16  
Sample : PB169544BL  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 15.181      | 15.132       | 15.305     | BB       | 128001         | 1921104      | 100.00%        | 100.000%      |
| Sum of corrected areas: |             |              |            |          |                | 1921104      |                |               |

FG080525.M Fri Sep 05 04:37:58 2025

## Report of Analysis

|                    |                                  |                    |          |
|--------------------|----------------------------------|--------------------|----------|
| Client:            | Sciacca General Contractors, LLC | Date Collected:    | 09/04/25 |
| Project:           | 29-35 Frelinghuysen Ave, Newark  | Date Received:     | 09/04/25 |
| Client Sample ID:  | PIBLK-FG016538.D                 | SDG No.:           | Q3012    |
| Lab Sample ID:     | I.BLK-FG016538.D                 | Matrix:            | Water    |
| Analytical Method: | 8015D TPH                        | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL                   | Decanted:          |          |
| Soil Aliquot Vol:  | uL                               | Final Vol:         | 1 mL     |
| Extraction Type:   |                                  | Test:              | TPH GC   |
| GPC Factor :       | PH :                             | Injection Volume : |          |
| Prep Method :      | SW3510                           |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016538.D        | 1         |           | 09/04/25      | FG090425      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 12.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 20.9  |           | 29 - 130 | 104%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016538.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 09:39  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:43:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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... | 15.176 | 1943348  | 20.397 ug/mlm |
| Target Compounds              |        |          |               |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

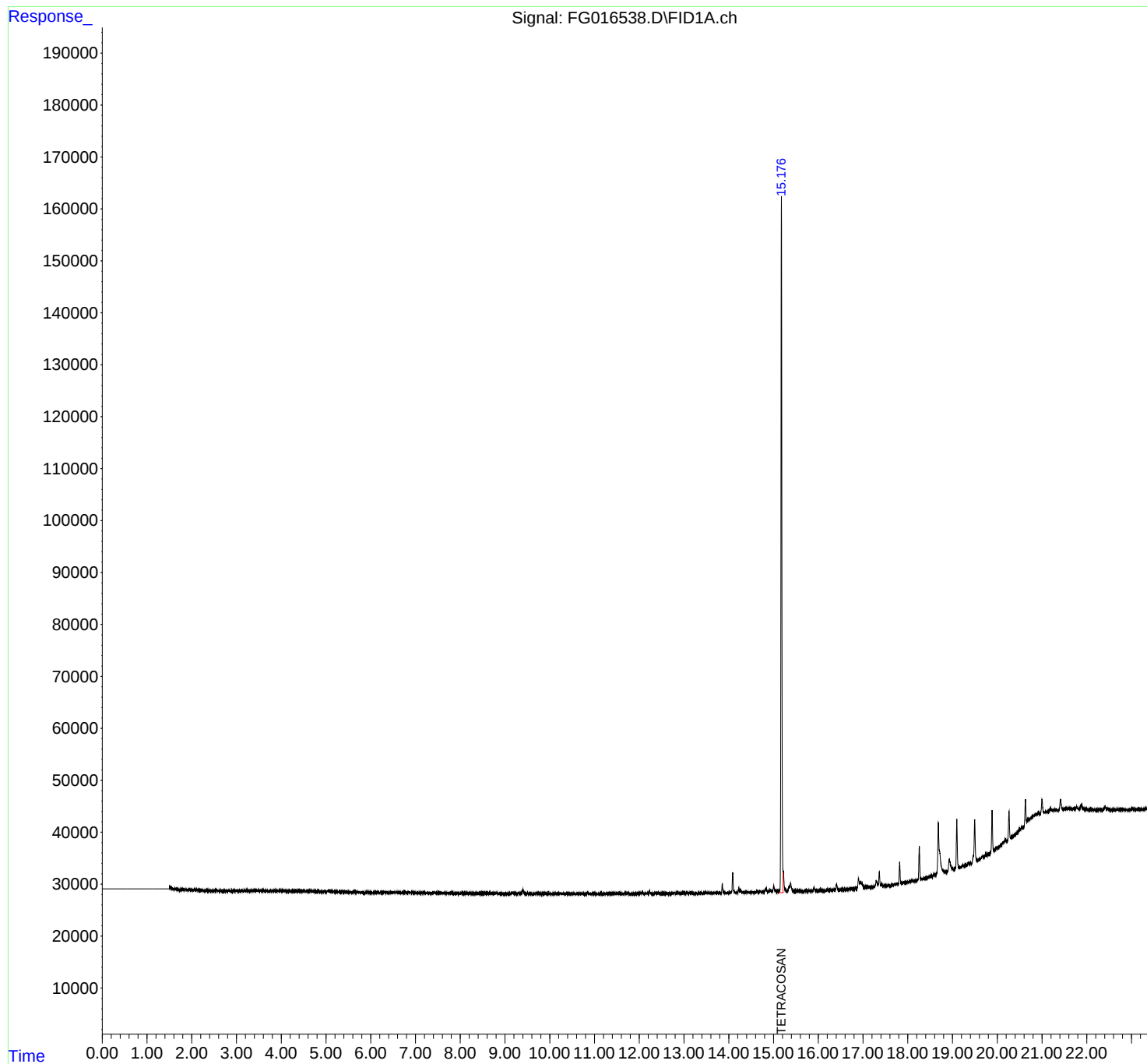
(m)=manual int.

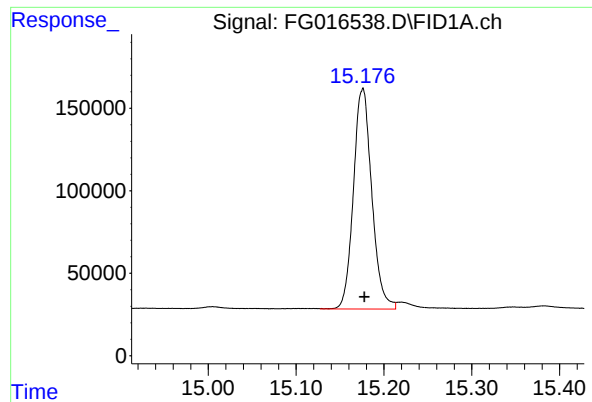
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016538.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 09:39  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:43:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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.: 15.176 min  
Delta R.T.: -0.002 min  
Response: 1943348  
Conc: 20.40 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016538.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 09:39  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 15.176      | 15.070       | 15.290     | BB       | 132967         | 1986741      | 100.00%        | 100.000%      |
| Sum of corrected areas: |             |              |            |          |                | 1986741      |                |               |

FG080525.M Fri Sep 05 04:23:51 2025

## Report of Analysis

|                    |                                  |                    |          |
|--------------------|----------------------------------|--------------------|----------|
| Client:            | Sciacca General Contractors, LLC | Date Collected:    | 09/04/25 |
| Project:           | 29-35 Frelinghuysen Ave, Newark  | Date Received:     | 09/04/25 |
| Client Sample ID:  | PIBLK-FG016545.D                 | SDG No.:           | Q3012    |
| Lab Sample ID:     | I.BLK-FG016545.D                 | Matrix:            | Water    |
| Analytical Method: | 8015D TPH                        | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                             | Units:             | mL       |
| Soil Aliquot Vol:  |                                  |                    | uL       |
| Extraction Type:   |                                  | Test:              | TPH GC   |
| GPC Factor :       |                                  | Injection Volume : |          |
| Prep Method :      | SW3510                           |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016545.D        | 1         |           | 09/04/25      | FG090425      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 12.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 20.7  |           | 29 - 130 | 103%       | SPK: 20 |

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016545.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 14:16  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:46:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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... | 15.182 | 1971186  | 20.690 ug/ml |
| Target Compounds              |        |          |              |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

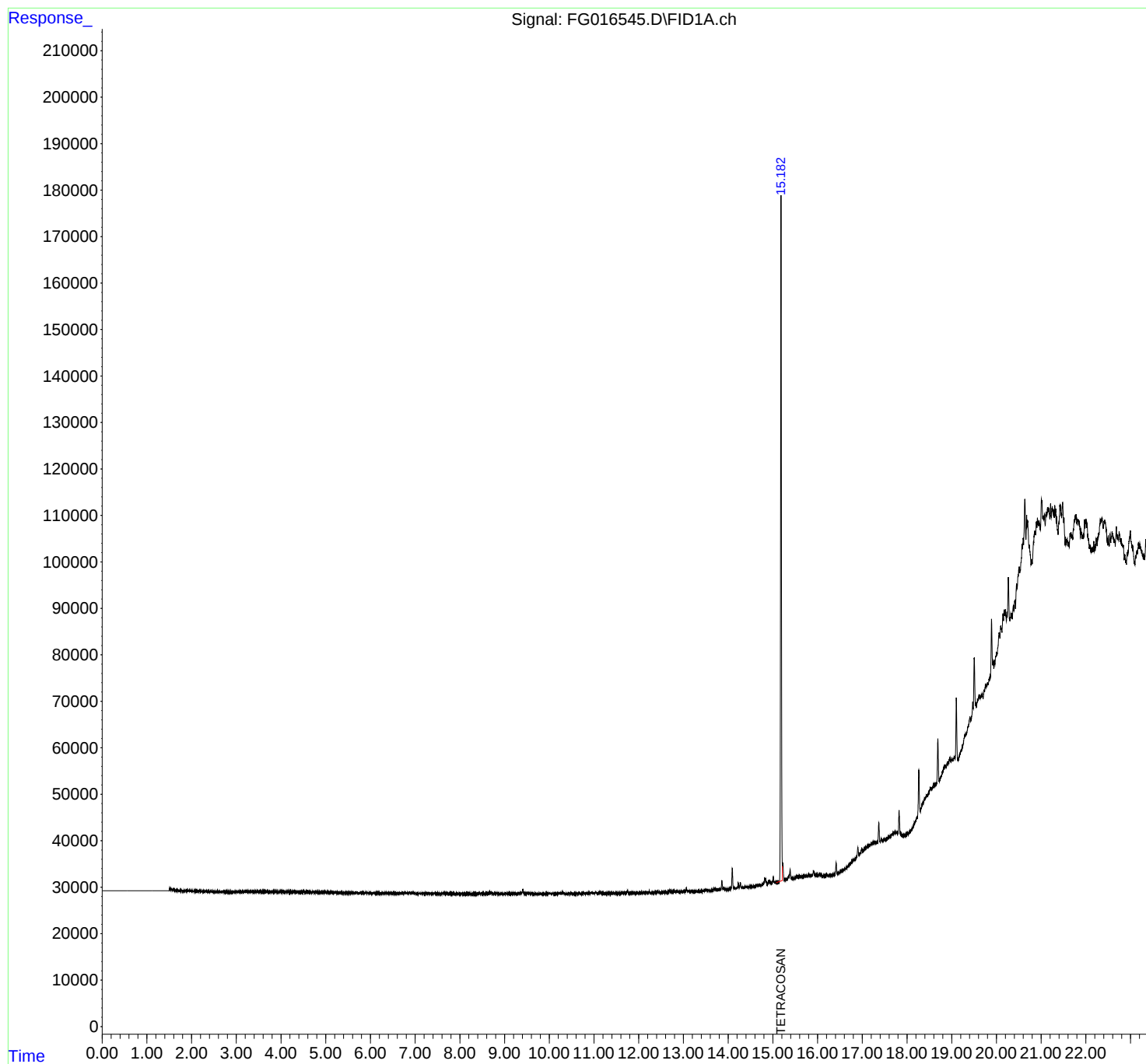
(m)=manual int.

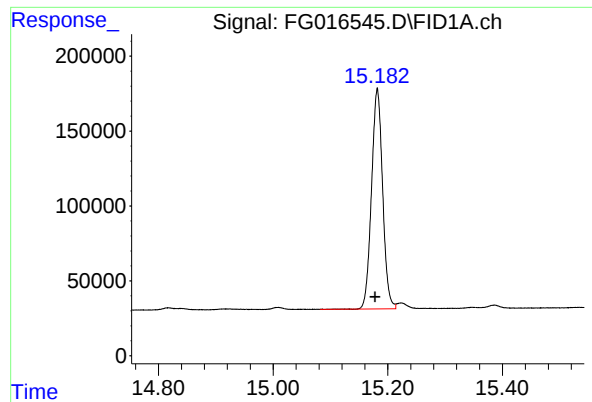
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016545.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 14:16  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:46:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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.: 15.182 min  
Delta R.T.: 0.004 min  
Response: 1971186  
Conc: 20.69 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016545.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 14:16  
Sample : I.BLK  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 15.182      | 15.082       | 15.214     | BV       | 147457         | 1971186      | 100.00%        | 100.000%      |
| Sum of corrected areas: |             |              |            |          |                | 1971186      |                |               |

FG080525.M Fri Sep 05 04:27:09 2025

## Report of Analysis

|                    |                                  |                    |          |
|--------------------|----------------------------------|--------------------|----------|
| Client:            | Sciacca General Contractors, LLC | Date Collected:    | 09/04/25 |
| Project:           | 29-35 Frelinghuysen Ave, Newark  | Date Received:     | 09/04/25 |
| Client Sample ID:  | PIBLK-FG016551.D                 | SDG No.:           | Q3012    |
| Lab Sample ID:     | I.BLK-FG016551.D                 | Matrix:            | Water    |
| Analytical Method: | 8015D TPH                        | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                             | Units:             | mL       |
| Soil Aliquot Vol:  |                                  |                    | uL       |
| Extraction Type:   |                                  | Test:              | TPH GC   |
| GPC Factor :       |                                  | Injection Volume : |          |
| Prep Method :      | SW3510                           |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016551.D        | 1         |           | 09/04/25      | FG090425      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 12.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 19.4  |           | 29 - 130 | 97%        | SPK: 20 |

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016551.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 17:15  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:48:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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... | 15.191 | 1853435  | 19.454 ug/mlm |

Target Compounds  
-----

(f)=RT Delta > 1/2 Window

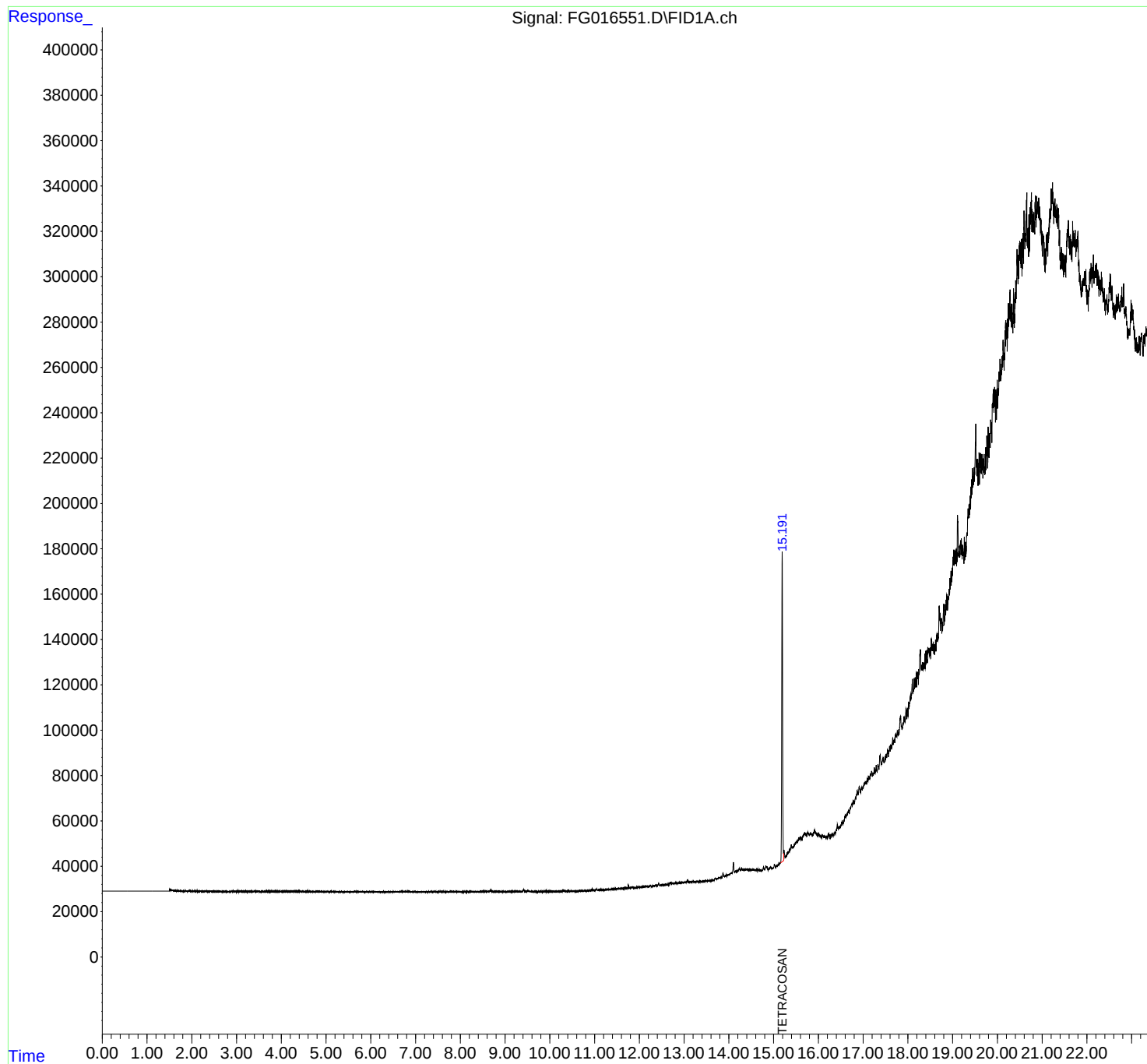
(m)=manual int.

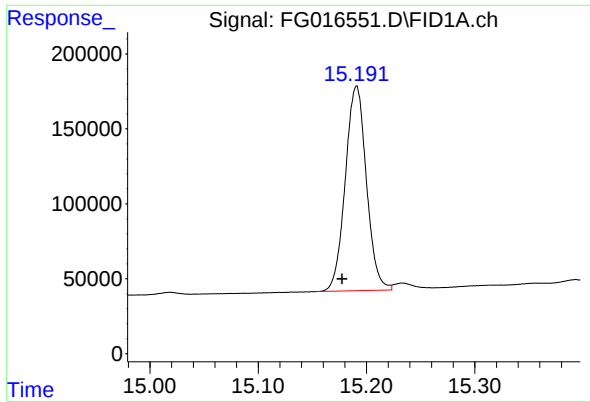
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016551.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 17:15  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

Integration File: Sample.e  
Quant Time: Sep 05 03:48:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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.: 15.191 min  
Delta R.T.: 0.013 min  
Response: 1853435  
Conc: 19.45 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
I.BLK

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016551.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 17:15  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 15.191      | 15.038       | 15.222     | PV       | 135971         | 1810765      | 100.00%        | 100.000%      |
| Sum of corrected areas: |             |              |            |          |                | 1810765      |                |               |

FG080525.M Fri Sep 05 04:40:29 2025

## Report of Analysis

|                    |                                  |          |                    |        |           |
|--------------------|----------------------------------|----------|--------------------|--------|-----------|
| Client:            | Sciacca General Contractors, LLC |          | Date Collected:    |        |           |
| Project:           | 29-35 Frelinghuysen Ave, Newark  |          | Date Received:     |        |           |
| Client Sample ID:  | PB169544BS                       |          | SDG No.:           | Q3012  |           |
| Lab Sample ID:     | PB169544BS                       |          | Matrix:            | SOIL   |           |
| Analytical Method: | 8015D TPH                        |          | % Solid:           | 100    | Decanted: |
| Sample Wt/Vol:     | 30.02                            | Units: g | Final Vol:         | 1      | mL        |
| Soil Aliquot Vol:  |                                  | uL       | Test:              | TPH GC |           |
| Extraction Type:   |                                  |          | Injection Volume : |        |           |
| GPC Factor :       |                                  | PH :     |                    |        |           |
| Prep Method :      | SW3541                           |          |                    |        |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016548.D        | 1         | 09/04/25 08:45 | 09/04/25 15:45 | PB169544      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 9720  |           | 384      | 2830       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 17.0  |           | 37 - 130 | 85%        | SPK: 20           |

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016548.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 15:45  
 Operator : YP\AJ  
 Sample : PB169544BS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB169544BS

Integration File: Sample.e  
 Quant Time: Sep 05 03:47:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.180 | 1622321  | 17.028 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.105  | 1446878  | 13.634 ug/ml  |
| 2) N-DECANE                   | 4.650  | 1728764  | 15.997 ug/ml  |
| 3) N-DODECANE                 | 6.832  | 1765690  | 16.247 ug/ml  |
| 4) N-TETRADECANE              | 8.673  | 1795218  | 16.419 ug/ml  |
| 5) N-HEXADECANE               | 10.292 | 1810169  | 16.653 ug/ml  |
| 6) N-OCTADECANE               | 11.746 | 1853456  | 16.756 ug/ml  |
| 7) N-EICOSANE                 | 13.066 | 1905011  | 16.855 ug/ml  |
| 8) N-DOCOSANE                 | 14.274 | 1848063  | 16.822 ug/ml  |
| 10) N-TETRACOSANE             | 15.386 | 1836529  | 16.761 ug/ml  |
| 11) N-HEXACOSANE              | 16.415 | 1785995  | 16.700 ug/ml  |
| 12) N-OCTACOSANE              | 17.371 | 1786864  | 16.586 ug/ml  |
| 13) N-TRIACONTANE             | 18.265 | 1911506  | 17.543 ug/mlm |
| 14) N-DOTRIACONTANE           | 19.102 | 1911670  | 18.149 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.891 | 1655793  | 17.377 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.636 | 1393729  | 18.653 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.424 | 1207219  | 20.134 ug/mlm |
| 18) N-TETRACONTANE            | 22.418 | 1166296  | 27.748 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

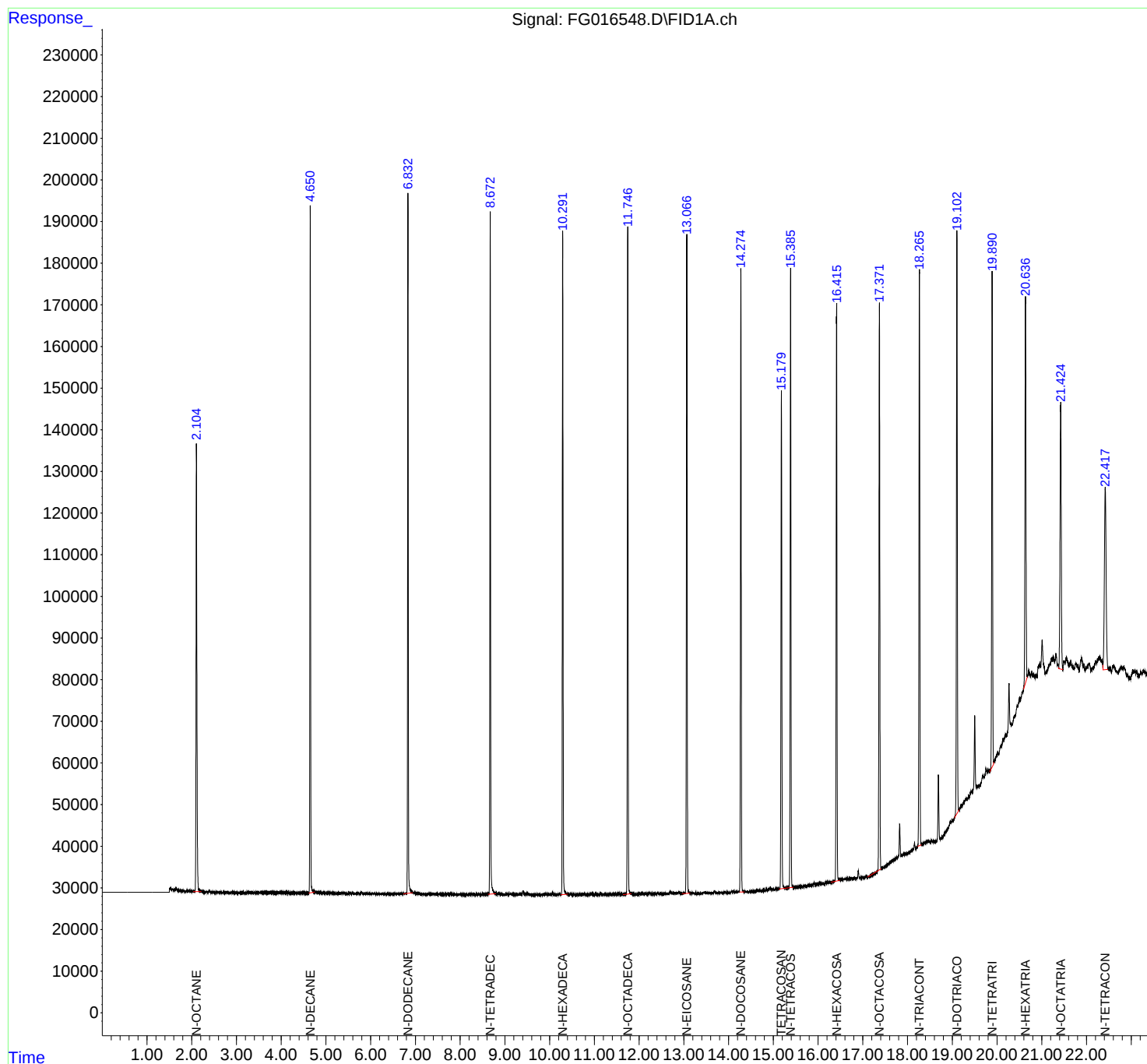
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016548.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 15:45  
Operator : YP\AJ  
Sample : PB169544BS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB169544BS

Integration File: Sample.e  
Quant Time: Sep 05 03:47:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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\_G\Data\FG090425\  
Data File : FG016548.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 15:45  
Sample : PB169544BS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Title :

Signal : FID1A.ch

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 2.105       | 2.029        | 2.207      | BB       | 107685         | 1446878      | 72.92%         | 4.739%        |
| 2                       | 4.650       | 4.614        | 4.744      | BB       | 165103         | 1728764      | 87.13%         | 5.662%        |
| 3                       | 6.832       | 6.729        | 6.942      | BB       | 168376         | 1765690      | 88.99%         | 5.783%        |
| 4                       | 8.673       | 8.621        | 8.802      | BB       | 163524         | 1795218      | 90.48%         | 5.880%        |
| 5                       | 10.292      | 10.249       | 10.402     | BB       | 158587         | 1810169      | 91.23%         | 5.929%        |
| 6                       | 11.746      | 11.637       | 11.822     | BB       | 159274         | 1853456      | 93.41%         | 6.071%        |
| 7                       | 13.066      | 12.964       | 13.141     | BB       | 157838         | 1905011      | 96.01%         | 6.240%        |
| 8                       | 14.274      | 14.241       | 14.356     | BV       | 148957         | 1848063      | 93.14%         | 6.053%        |
| 9                       | 15.180      | 15.124       | 15.256     | BV       | 118015         | 1622321      | 81.76%         | 5.314%        |
| 10                      | 15.386      | 15.256       | 15.446     | VB       | 148324         | 1836529      | 92.56%         | 6.015%        |
| 11                      | 16.415      | 16.294       | 16.484     | BB       | 135947         | 1785995      | 90.01%         | 5.850%        |
| 12                      | 17.371      | 17.114       | 17.410     | BB       | 135117         | 1786864      | 90.06%         | 5.853%        |
| 13                      | 18.264      | 18.182       | 18.308     | VV       | 139146         | 1984189      | 100.00%        | 6.499%        |
| 14                      | 19.103      | 18.975       | 19.149     | VV       | 139952         | 1939283      | 97.74%         | 6.352%        |
| 15                      | 19.891      | 19.842       | 19.926     | BV       | 118301         | 1655793      | 83.45%         | 5.423%        |
| 16                      | 20.636      | 20.593       | 20.675     | M        | 92753          | 1388998      | 70.00%         | 4.550%        |
| 17                      | 21.424      | 21.381       | 21.475     | M        | 64194          | 1210864      | 61.03%         | 3.966%        |
| 18                      | 22.418      | 22.369       | 22.479     | VV       | 43743          | 1166296      | 58.78%         | 3.820%        |
| Sum of corrected areas: |             |              |            |          |                |              | 30530378       |               |

FG080525.M Fri Sep 05 04:39:51 2025

## Report of Analysis

|                    |                                  |          |                    |          |           |
|--------------------|----------------------------------|----------|--------------------|----------|-----------|
| Client:            | Sciacca General Contractors, LLC |          | Date Collected:    | 08/29/25 |           |
| Project:           | 29-35 Frelinghuysen Ave, Newark  |          | Date Received:     | 08/29/25 |           |
| Client Sample ID:  | AU-05-082925MS                   |          | SDG No.:           | Q3012    |           |
| Lab Sample ID:     | Q2998-01MS                       |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8015D TPH                        |          | % Solid:           | 94.5     | Decanted: |
| Sample Wt/Vol:     | 30.07                            | Units: g | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                  | uL       | Test:              | TPH GC   |           |
| Extraction Type:   |                                  |          | Injection Volume : |          |           |
| GPC Factor :       |                                  | PH :     |                    |          |           |
| Prep Method :      | SW3541                           |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016549.D        | 1         | 09/04/25 08:45 | 09/04/25 16:15 | PB169544      |

| CAS Number        | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |        |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 128000 | E         | 405      | 2990       | ug/kg             |
| <b>SURROGATES</b> |                        |        |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 11.4   |           | 37 - 130 | 57%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016549.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 16:15  
 Operator : YP\AJ  
 Sample : Q2998-01MS  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 AU-05-082925MS

Integration File: Sample.e  
 Quant Time: Sep 05 03:48:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.183 | 1083490  | 11.372 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.103  | 1760418  | 16.589 ug/ml  |
| 2) N-DECANE                   | 4.649  | 2039418  | 18.872 ug/ml  |
| 3) N-DODECANE                 | 6.832  | 2201640  | 20.258 ug/mlm |
| 4) N-TETRADECANE              | 8.674  | 2714969  | 24.831 ug/mlm |
| 5) N-HEXADECANE               | 10.294 | 3355759  | 30.872 ug/mlm |
| 6) N-OCTADECANE               | 11.749 | 3614680  | 32.678 ug/mlm |
| 7) N-EICOSANE                 | 13.069 | 3757247  | 33.242 ug/ml  |
| 8) N-DOCOSANE                 | 14.277 | 2883214  | 26.245 ug/ml  |
| 10) N-TETRACOSANE             | 15.383 | 4029450  | 36.775 ug/ml  |
| 11) N-HEXACOSANE              | 16.419 | 2209360  | 20.658 ug/mlm |
| 12) N-OCTACOSANE              | 17.379 | 3155004  | 29.286 ug/ml  |
| 13) N-TRIACONTANE             | 18.275 | 2559464  | 23.490 ug/mlm |
| 14) N-DOTRIACONTANE           | 19.115 | 2261078  | 21.466 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.907 | 1936244  | 20.320 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.656 | 1632106  | 21.843 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.449 | 1518384  | 25.324 ug/ml  |
| 18) N-TETRACONTANE            | 22.467 | 1661872  | 39.538 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

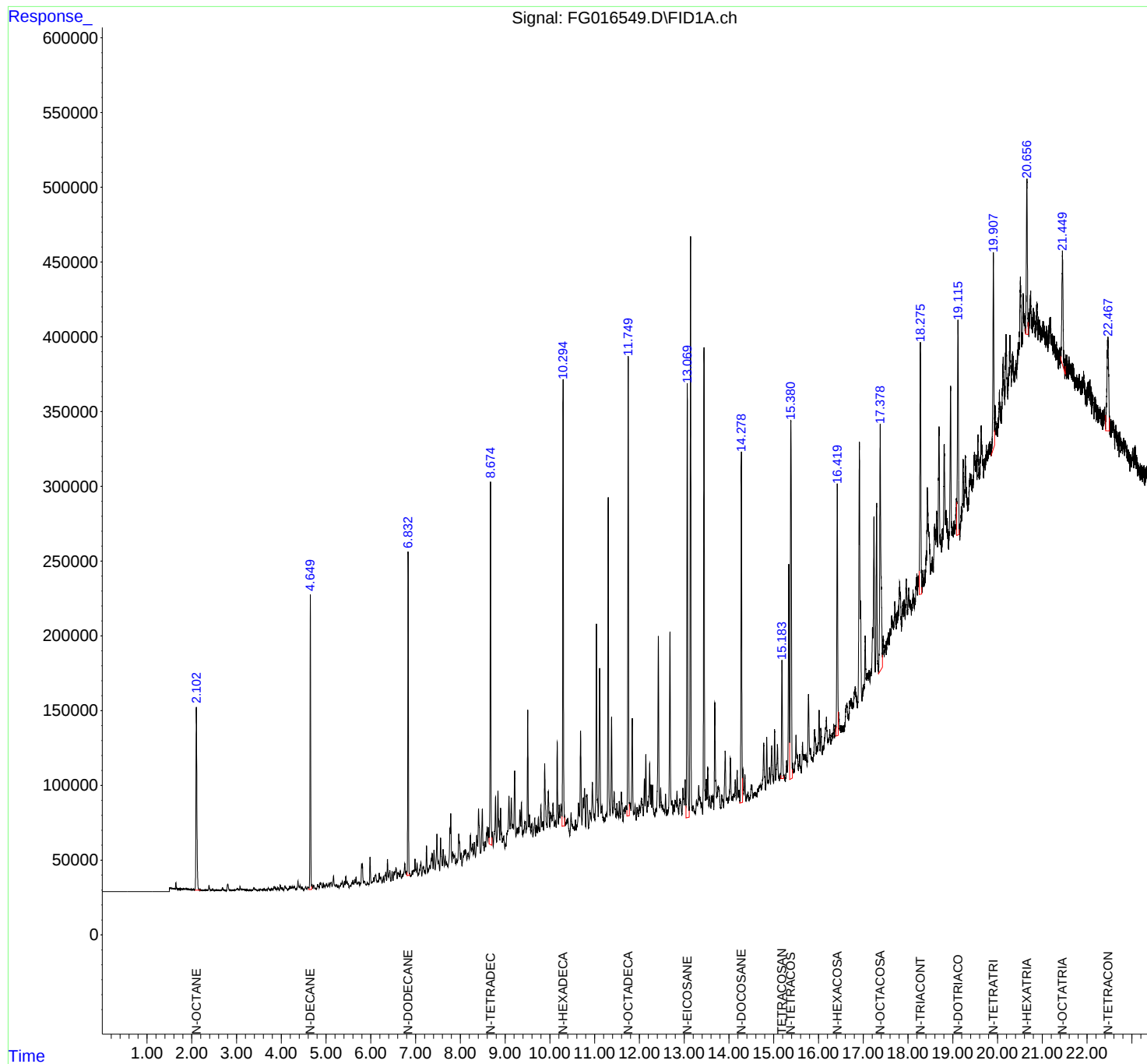
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016549.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 16:15  
Operator : YP\AJ  
Sample : Q2998-01MS  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-082925MS

Integration File: Sample.e  
Quant Time: Sep 05 03:48:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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\_G\Data\FG090425\  
 Data File : FG016549.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 16:15  
 Sample : Q2998-01MS  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.042       | 2.006        | 2.068      | BV       | 474            | 7262         | 0.11%          | 0.002%        |
| 2         | 2.102       | 2.068        | 2.260      | PV       | 122396         | 1769298      | 27.98%         | 0.490%        |
| 3         | 2.266       | 2.260        | 2.269      | PV       | 130            | 443          | 0.01%          | 0.000%        |
| 4         | 2.277       | 2.269        | 2.288      | VV       | 178            | 1102         | 0.02%          | 0.000%        |
| 5         | 2.298       | 2.288        | 2.308      | VV       | 299            | 2938         | 0.05%          | 0.001%        |
| 6         | 2.326       | 2.308        | 2.361      | VV       | 430            | 7955         | 0.13%          | 0.002%        |
| 7         | 2.384       | 2.361        | 2.421      | VV       | 3406           | 43895        | 0.69%          | 0.012%        |
| 8         | 2.424       | 2.421        | 2.430      | VV       | 230            | 883          | 0.01%          | 0.000%        |
| 9         | 2.463       | 2.430        | 2.500      | VV       | 752            | 16797        | 0.27%          | 0.005%        |
| 10        | 2.523       | 2.500        | 2.540      | PV       | 538            | 7747         | 0.12%          | 0.002%        |
| 11        | 2.544       | 2.540        | 2.550      | VV       | 421            | 2181         | 0.03%          | 0.001%        |
| 12        | 2.556       | 2.550        | 2.597      | VV       | 452            | 8956         | 0.14%          | 0.002%        |
| 13        | 2.605       | 2.597        | 2.630      | VV       | 324            | 4398         | 0.07%          | 0.001%        |
| 14        | 2.634       | 2.630        | 2.642      | VV       | 212            | 1009         | 0.02%          | 0.000%        |
| 15        | 2.649       | 2.642        | 2.664      | VV       | 165            | 1684         | 0.03%          | 0.000%        |
| 16        | 2.686       | 2.664        | 2.745      | VV       | 2056           | 34828        | 0.55%          | 0.010%        |
| 17        | 2.748       | 2.745        | 2.755      | VV       | 115            | 494          | 0.01%          | 0.000%        |
| 18        | 2.759       | 2.755        | 2.769      | VV       | 128            | 404          | 0.01%          | 0.000%        |
| 19        | 2.802       | 2.769        | 2.848      | PV       | 4372           | 85318        | 1.35%          | 0.024%        |
| 20        | 2.872       | 2.848        | 2.905      | VV       | 534            | 11633        | 0.18%          | 0.003%        |
| 21        | 2.924       | 2.905        | 2.946      | VV       | 442            | 8734         | 0.14%          | 0.002%        |
| 22        | 2.953       | 2.946        | 2.973      | VV       | 310            | 3998         | 0.06%          | 0.001%        |
| 23        | 2.998       | 2.973        | 3.003      | VV       | 802            | 9773         | 0.15%          | 0.003%        |
| 24        | 3.022       | 3.003        | 3.060      | VV       | 1277           | 29720        | 0.47%          | 0.008%        |
| 25        | 3.078       | 3.060        | 3.105      | VV       | 2515           | 34839        | 0.55%          | 0.010%        |
| 26        | 3.116       | 3.105        | 3.137      | VV       | 887            | 13372        | 0.21%          | 0.004%        |
| 27        | 3.163       | 3.137        | 3.180      | VV       | 930            | 17740        | 0.28%          | 0.005%        |
| 28        | 3.191       | 3.180        | 3.215      | VV       | 597            | 8371         | 0.13%          | 0.002%        |
| 29        | 3.216       | 3.215        | 3.220      | VV       | 258            | 472          | 0.01%          | 0.000%        |
| 30        | 3.234       | 3.220        | 3.282      | VV       | 381            | 8458         | 0.13%          | 0.002%        |
| 31        | 3.312       | 3.282        | 3.335      | VV       | 435            | 7136         | 0.11%          | 0.002%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 32 | 3.345 | 3.335 | 3.355 | VV | 220    | 1992    | 0.03%  | 0.001% |
| 33 | 3.383 | 3.355 | 3.423 | VV | 1774   | 40299   | 0.64%  | 0.011% |
| 34 | 3.428 | 3.423 | 3.469 | VV | 517    | 6999    | 0.11%  | 0.002% |
| 35 | 3.473 | 3.469 | 3.486 | PV | 45     | 500     | 0.01%  | 0.000% |
| 36 | 3.507 | 3.486 | 3.519 | VV | 571    | 6666    | 0.11%  | 0.002% |
| 37 | 3.532 | 3.519 | 3.548 | VV | 713    | 8252    | 0.13%  | 0.002% |
| 38 | 3.561 | 3.548 | 3.585 | VV | 597    | 7974    | 0.13%  | 0.002% |
| 39 | 3.606 | 3.585 | 3.623 | VV | 731    | 12003   | 0.19%  | 0.003% |
| 40 | 3.631 | 3.623 | 3.662 | VV | 638    | 9080    | 0.14%  | 0.003% |
| 41 | 3.672 | 3.662 | 3.685 | VV | 522    | 4915    | 0.08%  | 0.001% |
| 42 | 3.708 | 3.685 | 3.747 | VV | 1578   | 30669   | 0.49%  | 0.008% |
| 43 | 3.783 | 3.747 | 3.805 | VV | 854    | 19576   | 0.31%  | 0.005% |
| 44 | 3.838 | 3.805 | 3.865 | VV | 2283   | 49579   | 0.78%  | 0.014% |
| 45 | 3.873 | 3.865 | 3.893 | VV | 1623   | 20304   | 0.32%  | 0.006% |
| 46 | 3.921 | 3.893 | 3.957 | VV | 1910   | 39401   | 0.62%  | 0.011% |
| 47 | 3.977 | 3.957 | 3.992 | VV | 3180   | 39608   | 0.63%  | 0.011% |
| 48 | 4.001 | 3.992 | 4.016 | VV | 1660   | 18919   | 0.30%  | 0.005% |
| 49 | 4.029 | 4.016 | 4.055 | VV | 1835   | 21681   | 0.34%  | 0.006% |
| 50 | 4.080 | 4.055 | 4.141 | VV | 2939   | 69641   | 1.10%  | 0.019% |
| 51 | 4.187 | 4.141 | 4.201 | PV | 2677   | 42303   | 0.67%  | 0.012% |
| 52 | 4.217 | 4.201 | 4.229 | VV | 1904   | 26249   | 0.42%  | 0.007% |
| 53 | 4.251 | 4.229 | 4.271 | VV | 2288   | 45210   | 0.72%  | 0.013% |
| 54 | 4.292 | 4.271 | 4.323 | VV | 2226   | 43562   | 0.69%  | 0.012% |
| 55 | 4.372 | 4.323 | 4.401 | VV | 6084   | 105839  | 1.67%  | 0.029% |
| 56 | 4.416 | 4.401 | 4.448 | VV | 2966   | 54673   | 0.86%  | 0.015% |
| 57 | 4.464 | 4.448 | 4.502 | VV | 1747   | 29603   | 0.47%  | 0.008% |
| 58 | 4.544 | 4.502 | 4.571 | PV | 2264   | 39041   | 0.62%  | 0.011% |
| 59 | 4.591 | 4.571 | 4.616 | VV | 1911   | 33485   | 0.53%  | 0.009% |
| 60 | 4.649 | 4.616 | 4.677 | VV | 197232 | 2039623 | 32.26% | 0.564% |
| 61 | 4.688 | 4.677 | 4.706 | VV | 3327   | 40195   | 0.64%  | 0.011% |
| 62 | 4.724 | 4.706 | 4.750 | VV | 2957   | 45433   | 0.72%  | 0.013% |
| 63 | 4.763 | 4.750 | 4.786 | VV | 722    | 10785   | 0.17%  | 0.003% |
| 64 | 4.810 | 4.786 | 4.848 | VV | 3124   | 67726   | 1.07%  | 0.019% |
| 65 | 4.884 | 4.848 | 4.919 | VV | 4060   | 116865  | 1.85%  | 0.032% |
| 66 | 4.936 | 4.919 | 4.950 | VV | 4055   | 45585   | 0.72%  | 0.013% |
| 67 | 4.961 | 4.950 | 4.978 | VV | 2849   | 34510   | 0.55%  | 0.010% |
| 68 | 4.997 | 4.978 | 5.004 | VV | 2687   | 34683   | 0.55%  | 0.010% |
| 69 | 5.016 | 5.004 | 5.033 | VV | 3317   | 43814   | 0.69%  | 0.012% |
| 70 | 5.068 | 5.033 | 5.083 | VV | 4051   | 76694   | 1.21%  | 0.021% |
| 71 | 5.114 | 5.083 | 5.135 | VV | 4433   | 96925   | 1.53%  | 0.027% |
| 72 | 5.167 | 5.135 | 5.209 | VV | 8521   | 167664  | 2.65%  | 0.046% |
| 73 | 5.232 | 5.209 | 5.255 | VV | 2726   | 48393   | 0.77%  | 0.013% |
| 74 | 5.270 | 5.255 | 5.290 | VV | 2186   | 29541   | 0.47%  | 0.008% |
| 75 | 5.336 | 5.290 | 5.348 | VV | 3381   | 68738   | 1.09%  | 0.019% |
| 76 | 5.363 | 5.348 | 5.389 | VV | 4756   | 71857   | 1.14%  | 0.020% |
| 77 | 5.410 | 5.389 | 5.425 | VV | 4504   | 59518   | 0.94%  | 0.016% |
| 78 | 5.441 | 5.425 | 5.456 | VV | 7901   | 92580   | 1.46%  | 0.026% |
| 79 | 5.474 | 5.456 | 5.490 | VV | 4086   | 68936   | 1.09%  | 0.019% |

|     |       |       |       |    |                |         |        |        |
|-----|-------|-------|-------|----|----------------|---------|--------|--------|
| 80  | 5.496 | 5.490 | 5.515 | VV | rteres<br>2707 | 24128   | 0.38%  | 0.007% |
| 81  | 5.544 | 5.515 | 5.556 | PV | 1638           | 27674   | 0.44%  | 0.008% |
| 82  | 5.575 | 5.556 | 5.585 | VV | 3249           | 40443   | 0.64%  | 0.011% |
| 83  | 5.599 | 5.585 | 5.622 | VV | 4778           | 71823   | 1.14%  | 0.020% |
| 84  | 5.641 | 5.622 | 5.654 | VV | 5000           | 68938   | 1.09%  | 0.019% |
| 85  | 5.670 | 5.654 | 5.690 | VV | 6644           | 91980   | 1.45%  | 0.025% |
| 86  | 5.700 | 5.690 | 5.712 | VV | 2787           | 31511   | 0.50%  | 0.009% |
| 87  | 5.735 | 5.712 | 5.754 | VV | 3220           | 56669   | 0.90%  | 0.016% |
| 88  | 5.769 | 5.754 | 5.777 | VV | 2236           | 21472   | 0.34%  | 0.006% |
| 89  | 5.795 | 5.777 | 5.805 | VV | 14833          | 159051  | 2.52%  | 0.044% |
| 90  | 5.812 | 5.805 | 5.839 | VV | 14835          | 166204  | 2.63%  | 0.046% |
| 91  | 5.849 | 5.839 | 5.859 | VV | 2889           | 31590   | 0.50%  | 0.009% |
| 92  | 5.865 | 5.859 | 5.905 | VV | 2702           | 34810   | 0.55%  | 0.010% |
| 93  | 5.923 | 5.905 | 5.940 | VV | 1952           | 24071   | 0.38%  | 0.007% |
| 94  | 5.950 | 5.940 | 5.961 | VV | 971            | 8761    | 0.14%  | 0.002% |
| 95  | 5.983 | 5.961 | 6.013 | VV | 18759          | 226552  | 3.58%  | 0.063% |
| 96  | 6.023 | 6.013 | 6.032 | VV | 1652           | 15429   | 0.24%  | 0.004% |
| 97  | 6.066 | 6.032 | 6.078 | VV | 4602           | 74979   | 1.19%  | 0.021% |
| 98  | 6.094 | 6.078 | 6.102 | VV | 5865           | 68472   | 1.08%  | 0.019% |
| 99  | 6.111 | 6.102 | 6.140 | VV | 6225           | 85615   | 1.35%  | 0.024% |
| 100 | 6.148 | 6.140 | 6.153 | VV | 1635           | 12034   | 0.19%  | 0.003% |
| 101 | 6.164 | 6.153 | 6.173 | VV | 2204           | 21017   | 0.33%  | 0.006% |
| 102 | 6.188 | 6.173 | 6.200 | VV | 7185           | 75160   | 1.19%  | 0.021% |
| 103 | 6.210 | 6.200 | 6.223 | VV | 4246           | 49773   | 0.79%  | 0.014% |
| 104 | 6.230 | 6.223 | 6.250 | VV | 3622           | 35098   | 0.56%  | 0.010% |
| 105 | 6.279 | 6.250 | 6.296 | PV | 4247           | 58303   | 0.92%  | 0.016% |
| 106 | 6.314 | 6.296 | 6.320 | VV | 5024           | 44793   | 0.71%  | 0.012% |
| 107 | 6.332 | 6.320 | 6.353 | VV | 7013           | 90121   | 1.43%  | 0.025% |
| 108 | 6.372 | 6.353 | 6.398 | VV | 15199          | 205501  | 3.25%  | 0.057% |
| 109 | 6.424 | 6.398 | 6.450 | VV | 7530           | 140208  | 2.22%  | 0.039% |
| 110 | 6.476 | 6.450 | 6.496 | VV | 6759           | 85172   | 1.35%  | 0.024% |
| 111 | 6.520 | 6.496 | 6.531 | VV | 5954           | 82025   | 1.30%  | 0.023% |
| 112 | 6.542 | 6.531 | 6.547 | VV | 6188           | 50855   | 0.80%  | 0.014% |
| 113 | 6.560 | 6.547 | 6.588 | VV | 8791           | 151670  | 2.40%  | 0.042% |
| 114 | 6.605 | 6.588 | 6.616 | VV | 5119           | 63514   | 1.00%  | 0.018% |
| 115 | 6.626 | 6.616 | 6.639 | VV | 4634           | 51777   | 0.82%  | 0.014% |
| 116 | 6.658 | 6.639 | 6.684 | VV | 6252           | 97666   | 1.54%  | 0.027% |
| 117 | 6.707 | 6.684 | 6.717 | VV | 3307           | 42194   | 0.67%  | 0.012% |
| 118 | 6.759 | 6.717 | 6.775 | VV | 10441          | 200560  | 3.17%  | 0.056% |
| 119 | 6.779 | 6.775 | 6.792 | VV | 4676           | 41644   | 0.66%  | 0.012% |
| 120 | 6.832 | 6.792 | 6.864 | VV | 217269         | 2304729 | 36.45% | 0.638% |
| 121 | 6.870 | 6.864 | 6.890 | VV | 3010           | 33996   | 0.54%  | 0.009% |
| 122 | 6.923 | 6.890 | 6.935 | VV | 4752           | 68574   | 1.08%  | 0.019% |
| 123 | 6.947 | 6.935 | 6.954 | VV | 4707           | 42974   | 0.68%  | 0.012% |
| 124 | 6.964 | 6.954 | 6.972 | VV | 4869           | 47143   | 0.75%  | 0.013% |
| 125 | 6.987 | 6.972 | 7.017 | VV | 12238          | 183345  | 2.90%  | 0.051% |
| 126 | 7.032 | 7.017 | 7.051 | VV | 8955           | 114581  | 1.81%  | 0.032% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 127 | 7.061 | 7.051 | 7.071 | VV | 2259   | 19764   | 0.31%  | 0.005% |
| 128 | 7.118 | 7.071 | 7.139 | VV | 9295   | 192825  | 3.05%  | 0.053% |
| 129 | 7.178 | 7.139 | 7.194 | PV | 5894   | 130505  | 2.06%  | 0.036% |
| 130 | 7.202 | 7.194 | 7.214 | VV | 3130   | 28357   | 0.45%  | 0.008% |
| 131 | 7.244 | 7.214 | 7.269 | VV | 19358  | 252991  | 4.00%  | 0.070% |
| 132 | 7.282 | 7.269 | 7.291 | VV | 3141   | 36661   | 0.58%  | 0.010% |
| 133 | 7.314 | 7.291 | 7.330 | VV | 5646   | 101048  | 1.60%  | 0.028% |
| 134 | 7.347 | 7.330 | 7.356 | VV | 10202  | 120432  | 1.90%  | 0.033% |
| 135 | 7.370 | 7.356 | 7.390 | VV | 13577  | 191740  | 3.03%  | 0.053% |
| 136 | 7.410 | 7.390 | 7.437 | VV | 15452  | 218964  | 3.46%  | 0.061% |
| 137 | 7.476 | 7.437 | 7.501 | VV | 25708  | 452512  | 7.16%  | 0.125% |
| 138 | 7.512 | 7.501 | 7.537 | VV | 7174   | 110250  | 1.74%  | 0.031% |
| 139 | 7.558 | 7.537 | 7.598 | VV | 22673  | 373972  | 5.91%  | 0.103% |
| 140 | 7.614 | 7.598 | 7.641 | VV | 14638  | 219337  | 3.47%  | 0.061% |
| 141 | 7.661 | 7.641 | 7.678 | VV | 9874   | 139793  | 2.21%  | 0.039% |
| 142 | 7.691 | 7.678 | 7.724 | VV | 5190   | 104657  | 1.66%  | 0.029% |
| 143 | 7.767 | 7.724 | 7.773 | VV | 27984  | 357401  | 5.65%  | 0.099% |
| 144 | 7.785 | 7.773 | 7.813 | VV | 37499  | 512483  | 8.11%  | 0.142% |
| 145 | 7.827 | 7.813 | 7.851 | VV | 11565  | 206356  | 3.26%  | 0.057% |
| 146 | 7.859 | 7.851 | 7.867 | VV | 8741   | 84344   | 1.33%  | 0.023% |
| 147 | 7.873 | 7.867 | 7.899 | VV | 8879   | 114126  | 1.80%  | 0.032% |
| 148 | 7.920 | 7.899 | 7.931 | VV | 5144   | 86338   | 1.37%  | 0.024% |
| 149 | 7.964 | 7.931 | 8.003 | VV | 22644  | 527452  | 8.34%  | 0.146% |
| 150 | 8.017 | 8.003 | 8.035 | VV | 9284   | 117726  | 1.86%  | 0.033% |
| 151 | 8.062 | 8.035 | 8.070 | VV | 6998   | 94191   | 1.49%  | 0.026% |
| 152 | 8.083 | 8.070 | 8.094 | VV | 10825  | 128616  | 2.03%  | 0.036% |
| 153 | 8.106 | 8.094 | 8.116 | VV | 11239  | 127056  | 2.01%  | 0.035% |
| 154 | 8.126 | 8.116 | 8.145 | VV | 10234  | 133784  | 2.12%  | 0.037% |
| 155 | 8.174 | 8.145 | 8.197 | VV | 8578   | 205185  | 3.25%  | 0.057% |
| 156 | 8.224 | 8.197 | 8.244 | VV | 20141  | 349788  | 5.53%  | 0.097% |
| 157 | 8.249 | 8.244 | 8.252 | VV | 9995   | 49268   | 0.78%  | 0.014% |
| 158 | 8.272 | 8.252 | 8.290 | VV | 14211  | 247001  | 3.91%  | 0.068% |
| 159 | 8.312 | 8.290 | 8.337 | VV | 14797  | 272565  | 4.31%  | 0.075% |
| 160 | 8.365 | 8.337 | 8.388 | VV | 18992  | 380613  | 6.02%  | 0.105% |
| 161 | 8.406 | 8.388 | 8.456 | VV | 36735  | 815172  | 12.89% | 0.226% |
| 162 | 8.491 | 8.456 | 8.509 | VV | 36057  | 631456  | 9.99%  | 0.175% |
| 163 | 8.516 | 8.509 | 8.532 | VV | 12826  | 141606  | 2.24%  | 0.039% |
| 164 | 8.554 | 8.532 | 8.567 | VV | 13607  | 235397  | 3.72%  | 0.065% |
| 165 | 8.584 | 8.567 | 8.589 | VV | 19261  | 208016  | 3.29%  | 0.058% |
| 166 | 8.599 | 8.589 | 8.615 | VV | 23132  | 288477  | 4.56%  | 0.080% |
| 167 | 8.628 | 8.615 | 8.641 | VV | 22665  | 286568  | 4.53%  | 0.079% |
| 168 | 8.674 | 8.641 | 8.704 | VV | 253400 | 3126290 | 49.44% | 0.865% |
| 169 | 8.715 | 8.704 | 8.734 | VV | 19201  | 280828  | 4.44%  | 0.078% |
| 170 | 8.786 | 8.734 | 8.809 | VV | 41544  | 950888  | 15.04% | 0.263% |
| 171 | 8.840 | 8.809 | 8.856 | VV | 45551  | 737978  | 11.67% | 0.204% |
| 172 | 8.863 | 8.856 | 8.879 | VV | 25312  | 286209  | 4.53%  | 0.079% |
| 173 | 8.900 | 8.879 | 8.939 | VV | 33796  | 698816  | 11.05% | 0.193% |
| 174 | 8.951 | 8.939 | 8.956 | VV | 12376  | 122997  | 1.95%  | 0.034% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 175 | 8.969  | 8.956  | 8.994  | VV | rteres<br>14710 | 259078  | 4.10%  | 0.072% |
| 176 | 9.008  | 8.994  | 9.020  | VV | 9022            | 122741  | 1.94%  | 0.034% |
| 177 | 9.086  | 9.020  | 9.110  | VV | 40642           | 1149572 | 18.18% | 0.318% |
| 178 | 9.139  | 9.110  | 9.156  | VV | 39128           | 747176  | 11.82% | 0.207% |
| 179 | 9.168  | 9.156  | 9.189  | VV | 20760           | 394720  | 6.24%  | 0.109% |
| 180 | 9.213  | 9.189  | 9.240  | VV | 56690           | 1022925 | 16.18% | 0.283% |
| 181 | 9.267  | 9.240  | 9.279  | VV | 17667           | 363396  | 5.75%  | 0.101% |
| 182 | 9.299  | 9.279  | 9.313  | VV | 18423           | 329362  | 5.21%  | 0.091% |
| 183 | 9.330  | 9.313  | 9.350  | VV | 29424           | 513603  | 8.12%  | 0.142% |
| 184 | 9.365  | 9.350  | 9.390  | VV | 34411           | 558975  | 8.84%  | 0.155% |
| 185 | 9.406  | 9.390  | 9.418  | VV | 15374           | 232327  | 3.67%  | 0.064% |
| 186 | 9.452  | 9.418  | 9.468  | VV | 21433           | 541494  | 8.56%  | 0.150% |
| 187 | 9.505  | 9.468  | 9.529  | VV | 95269           | 1408057 | 22.27% | 0.390% |
| 188 | 9.545  | 9.529  | 9.574  | VV | 24984           | 511875  | 8.10%  | 0.142% |
| 189 | 9.591  | 9.574  | 9.624  | VV | 18376           | 457221  | 7.23%  | 0.127% |
| 190 | 9.660  | 9.624  | 9.679  | VV | 22252           | 524123  | 8.29%  | 0.145% |
| 191 | 9.693  | 9.679  | 9.703  | VV | 17145           | 192910  | 3.05%  | 0.053% |
| 192 | 9.715  | 9.703  | 9.726  | VV | 15668           | 200123  | 3.17%  | 0.055% |
| 193 | 9.743  | 9.726  | 9.760  | VV | 22096           | 348150  | 5.51%  | 0.096% |
| 194 | 9.765  | 9.760  | 9.777  | VV | 13420           | 135332  | 2.14%  | 0.037% |
| 195 | 9.798  | 9.777  | 9.824  | VV | 29672           | 565508  | 8.94%  | 0.156% |
| 196 | 9.842  | 9.824  | 9.859  | VV | 18674           | 339056  | 5.36%  | 0.094% |
| 197 | 9.885  | 9.859  | 9.938  | VV | 57105           | 1326704 | 20.98% | 0.367% |
| 198 | 9.964  | 9.938  | 9.996  | VV | 37811           | 871231  | 13.78% | 0.241% |
| 199 | 10.017 | 9.996  | 10.053 | VV | 22959           | 666995  | 10.55% | 0.185% |
| 200 | 10.069 | 10.053 | 10.104 | VV | 29648           | 646402  | 10.22% | 0.179% |
| 201 | 10.125 | 10.104 | 10.140 | VV | 17717           | 338265  | 5.35%  | 0.094% |
| 202 | 10.163 | 10.140 | 10.191 | VV | 69695           | 1011384 | 16.00% | 0.280% |
| 203 | 10.208 | 10.191 | 10.224 | VV | 27351           | 425371  | 6.73%  | 0.118% |
| 204 | 10.250 | 10.224 | 10.270 | VV | 27362           | 635825  | 10.06% | 0.176% |
| 205 | 10.294 | 10.270 | 10.350 | VV | 311383          | 3986535 | 63.05% | 1.103% |
| 206 | 10.376 | 10.350 | 10.387 | VV | 16260           | 329655  | 5.21%  | 0.091% |
| 207 | 10.399 | 10.387 | 10.443 | VV | 17108           | 391947  | 6.20%  | 0.108% |
| 208 | 10.473 | 10.443 | 10.522 | VV | 20472           | 587326  | 9.29%  | 0.163% |
| 209 | 10.531 | 10.522 | 10.554 | VV | 10615           | 184599  | 2.92%  | 0.051% |
| 210 | 10.571 | 10.554 | 10.591 | VV | 14752           | 250711  | 3.97%  | 0.069% |
| 211 | 10.639 | 10.591 | 10.663 | VV | 25770           | 688398  | 10.89% | 0.190% |
| 212 | 10.686 | 10.663 | 10.715 | VV | 73518           | 1179946 | 18.66% | 0.327% |
| 213 | 10.742 | 10.715 | 10.758 | VV | 28055           | 543453  | 8.60%  | 0.150% |
| 214 | 10.774 | 10.758 | 10.799 | VV | 34834           | 567347  | 8.97%  | 0.157% |
| 215 | 10.824 | 10.799 | 10.862 | VV | 30355           | 767680  | 12.14% | 0.212% |
| 216 | 10.890 | 10.862 | 10.923 | VV | 19323           | 529006  | 8.37%  | 0.146% |
| 217 | 10.948 | 10.923 | 10.985 | VV | 37921           | 852364  | 13.48% | 0.236% |
| 218 | 10.989 | 10.985 | 11.003 | VV | 14832           | 147846  | 2.34%  | 0.041% |
| 219 | 11.039 | 11.003 | 11.079 | VV | 142784          | 2191721 | 34.66% | 0.607% |
| 220 | 11.111 | 11.079 | 11.144 | VV | 112971          | 1998104 | 31.60% | 0.553% |
| 221 | 11.164 | 11.144 | 11.189 | VV | 20507           | 449241  | 7.11%  | 0.124% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 11.199 | 11.189 | 11.219 | VV | 12426  | 199461  | 3.15%  | 0.055% |
| 223 | 11.261 | 11.219 | 11.274 | VV | 14699  | 410331  | 6.49%  | 0.114% |
| 224 | 11.302 | 11.274 | 11.345 | VV | 225520 | 2978324 | 47.10% | 0.824% |
| 225 | 11.377 | 11.345 | 11.403 | VV | 78147  | 1250373 | 19.78% | 0.346% |
| 226 | 11.436 | 11.403 | 11.477 | VV | 27895  | 806433  | 12.75% | 0.223% |
| 227 | 11.496 | 11.477 | 11.535 | VV | 19804  | 484837  | 7.67%  | 0.134% |
| 228 | 11.549 | 11.535 | 11.573 | VV | 20974  | 338515  | 5.35%  | 0.094% |
| 229 | 11.595 | 11.573 | 11.634 | VV | 26860  | 618534  | 9.78%  | 0.171% |
| 230 | 11.663 | 11.634 | 11.679 | VV | 15105  | 339672  | 5.37%  | 0.094% |
| 231 | 11.694 | 11.679 | 11.719 | VV | 16947  | 374086  | 5.92%  | 0.104% |
| 232 | 11.749 | 11.719 | 11.773 | VV | 317148 | 3933559 | 62.21% | 1.089% |
| 233 | 11.777 | 11.773 | 11.791 | VV | 18321  | 190598  | 3.01%  | 0.053% |
| 234 | 11.793 | 11.791 | 11.810 | VV | 17652  | 182242  | 2.88%  | 0.050% |
| 235 | 11.840 | 11.810 | 11.866 | VV | 74244  | 1242966 | 19.66% | 0.344% |
| 236 | 11.876 | 11.866 | 11.889 | VV | 11474  | 145409  | 2.30%  | 0.040% |
| 237 | 11.903 | 11.889 | 11.929 | VV | 16246  | 270288  | 4.27%  | 0.075% |
| 238 | 11.947 | 11.929 | 11.976 | VV | 14173  | 314799  | 4.98%  | 0.087% |
| 239 | 12.002 | 11.976 | 12.025 | VV | 15073  | 362939  | 5.74%  | 0.100% |
| 240 | 12.044 | 12.025 | 12.087 | VV | 19500  | 551946  | 8.73%  | 0.153% |
| 241 | 12.111 | 12.087 | 12.126 | VV | 31895  | 472999  | 7.48%  | 0.131% |
| 242 | 12.143 | 12.126 | 12.170 | VV | 48298  | 701299  | 11.09% | 0.194% |
| 243 | 12.185 | 12.170 | 12.196 | VV | 16119  | 214121  | 3.39%  | 0.059% |
| 244 | 12.229 | 12.196 | 12.247 | VV | 41863  | 760470  | 12.03% | 0.210% |
| 245 | 12.260 | 12.247 | 12.278 | VV | 26808  | 359870  | 5.69%  | 0.100% |
| 246 | 12.294 | 12.278 | 12.343 | VV | 27012  | 535015  | 8.46%  | 0.148% |
| 247 | 12.423 | 12.343 | 12.454 | VV | 125710 | 2182758 | 34.52% | 0.604% |
| 248 | 12.475 | 12.454 | 12.509 | VV | 24157  | 504033  | 7.97%  | 0.139% |
| 249 | 12.517 | 12.509 | 12.540 | VV | 10945  | 188876  | 2.99%  | 0.052% |
| 250 | 12.549 | 12.540 | 12.564 | VV | 9090   | 111989  | 1.77%  | 0.031% |
| 251 | 12.584 | 12.564 | 12.605 | VV | 18966  | 277544  | 4.39%  | 0.077% |
| 252 | 12.617 | 12.605 | 12.634 | VV | 7723   | 115133  | 1.82%  | 0.032% |
| 253 | 12.683 | 12.634 | 12.719 | VV | 127010 | 1926567 | 30.47% | 0.533% |
| 254 | 12.730 | 12.719 | 12.749 | VV | 13736  | 195781  | 3.10%  | 0.054% |
| 255 | 12.763 | 12.749 | 12.783 | VV | 10891  | 158387  | 2.51%  | 0.044% |
| 256 | 12.802 | 12.783 | 12.823 | VV | 13142  | 260429  | 4.12%  | 0.072% |
| 257 | 12.839 | 12.823 | 12.877 | VV | 19370  | 353727  | 5.59%  | 0.098% |
| 258 | 12.905 | 12.877 | 12.919 | VV | 13713  | 252962  | 4.00%  | 0.070% |
| 259 | 12.924 | 12.919 | 12.947 | VV | 12036  | 134003  | 2.12%  | 0.037% |
| 260 | 12.972 | 12.947 | 13.003 | VV | 20272  | 400920  | 6.34%  | 0.111% |
| 261 | 13.021 | 13.003 | 13.039 | VV | 25580  | 355259  | 5.62%  | 0.098% |
| 262 | 13.069 | 13.039 | 13.112 | VV | 287515 | 3759239 | 59.46% | 1.040% |
| 263 | 13.143 | 13.112 | 13.181 | VV | 386140 | 4489411 | 71.00% | 1.242% |
| 264 | 13.204 | 13.181 | 13.234 | VV | 7292   | 152507  | 2.41%  | 0.042% |
| 265 | 13.241 | 13.234 | 13.251 | VV | 2935   | 25253   | 0.40%  | 0.007% |
| 266 | 13.274 | 13.251 | 13.288 | VV | 9860   | 145004  | 2.29%  | 0.040% |
| 267 | 13.324 | 13.288 | 13.343 | VV | 19763  | 391894  | 6.20%  | 0.108% |
| 268 | 13.351 | 13.343 | 13.377 | VV | 11960  | 189489  | 3.00%  | 0.052% |
| 269 | 13.393 | 13.377 | 13.411 | VV | 6560   | 93036   | 1.47%  | 0.026% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 270 | 13.443 | 13.411 | 13.480 | PV | 312106 | 3618559 | 57.23% | 1.001% |
| 271 | 13.495 | 13.480 | 13.509 | VV | 22118  | 276014  | 4.37%  | 0.076% |
| 272 | 13.526 | 13.509 | 13.550 | VV | 30694  | 419914  | 6.64%  | 0.116% |
| 273 | 13.568 | 13.550 | 13.594 | VV | 10352  | 174526  | 2.76%  | 0.048% |
| 274 | 13.614 | 13.594 | 13.632 | VV | 10640  | 160001  | 2.53%  | 0.044% |
| 275 | 13.645 | 13.632 | 13.661 | VV | 10390  | 127604  | 2.02%  | 0.035% |
| 276 | 13.684 | 13.661 | 13.729 | VV | 71845  | 1146745 | 18.14% | 0.317% |
| 277 | 13.737 | 13.729 | 13.741 | VV | 9695   | 64776   | 1.02%  | 0.018% |
| 278 | 13.754 | 13.741 | 13.767 | VV | 15383  | 210634  | 3.33%  | 0.058% |
| 279 | 13.771 | 13.767 | 13.819 | VV | 14550  | 234245  | 3.70%  | 0.065% |
| 280 | 13.837 | 13.819 | 13.856 | VV | 9401   | 117208  | 1.85%  | 0.032% |
| 281 | 13.860 | 13.856 | 13.880 | VV | 5733   | 55984   | 0.89%  | 0.015% |
| 282 | 13.916 | 13.880 | 13.954 | VV | 37546  | 673586  | 10.65% | 0.186% |
| 283 | 13.957 | 13.954 | 13.983 | VV | 5778   | 74730   | 1.18%  | 0.021% |
| 284 | 14.033 | 13.983 | 14.058 | VV | 31900  | 589775  | 9.33%  | 0.163% |
| 285 | 14.075 | 14.058 | 14.088 | VV | 5958   | 85417   | 1.35%  | 0.024% |
| 286 | 14.102 | 14.088 | 14.119 | VV | 7710   | 114317  | 1.81%  | 0.032% |
| 287 | 14.140 | 14.119 | 14.162 | VV | 16965  | 251322  | 3.97%  | 0.070% |
| 288 | 14.183 | 14.162 | 14.206 | VV | 22851  | 310256  | 4.91%  | 0.086% |
| 289 | 14.225 | 14.206 | 14.246 | VV | 8777   | 137859  | 2.18%  | 0.038% |
| 290 | 14.277 | 14.246 | 14.302 | VV | 232078 | 2881065 | 45.57% | 0.797% |
| 291 | 14.312 | 14.302 | 14.339 | VV | 22104  | 301736  | 4.77%  | 0.083% |
| 292 | 14.353 | 14.339 | 14.385 | VV | 18419  | 235214  | 3.72%  | 0.065% |
| 293 | 14.410 | 14.385 | 14.414 | VV | 4776   | 50568   | 0.80%  | 0.014% |
| 294 | 14.426 | 14.414 | 14.446 | VV | 5881   | 63255   | 1.00%  | 0.018% |
| 295 | 14.452 | 14.446 | 14.457 | PV | 1843   | 6025    | 0.10%  | 0.002% |
| 296 | 14.501 | 14.457 | 14.535 | VV | 10128  | 232426  | 3.68%  | 0.064% |
| 297 | 14.548 | 14.535 | 14.553 | VV | 2408   | 23782   | 0.38%  | 0.007% |
| 298 | 14.570 | 14.553 | 14.587 | VV | 3860   | 57488   | 0.91%  | 0.016% |
| 299 | 14.595 | 14.587 | 14.603 | VV | 2894   | 21778   | 0.34%  | 0.006% |
| 300 | 14.607 | 14.603 | 14.625 | VV | 3129   | 21775   | 0.34%  | 0.006% |
| 301 | 14.646 | 14.625 | 14.659 | PV | 5519   | 73289   | 1.16%  | 0.020% |
| 302 | 14.678 | 14.659 | 14.684 | VV | 6221   | 75371   | 1.19%  | 0.021% |
| 303 | 14.696 | 14.684 | 14.701 | VV | 6769   | 61937   | 0.98%  | 0.017% |
| 304 | 14.705 | 14.701 | 14.723 | VV | 7149   | 71408   | 1.13%  | 0.020% |
| 305 | 14.776 | 14.723 | 14.817 | VV | 33832  | 736603  | 11.65% | 0.204% |
| 306 | 14.843 | 14.817 | 14.868 | VV | 36428  | 483184  | 7.64%  | 0.134% |
| 307 | 14.875 | 14.868 | 14.888 | VV | 7446   | 73858   | 1.17%  | 0.020% |
| 308 | 14.909 | 14.888 | 14.929 | VV | 14484  | 243547  | 3.85%  | 0.067% |
| 309 | 14.954 | 14.929 | 14.996 | VV | 29230  | 563560  | 8.91%  | 0.156% |
| 310 | 15.019 | 14.996 | 15.042 | VV | 38041  | 524089  | 8.29%  | 0.145% |
| 311 | 15.083 | 15.042 | 15.121 | VV | 27278  | 606971  | 9.60%  | 0.168% |
| 312 | 15.136 | 15.121 | 15.158 | VV | 7229   | 121462  | 1.92%  | 0.034% |
| 313 | 15.183 | 15.158 | 15.222 | VV | 82271  | 1219755 | 19.29% | 0.338% |
| 314 | 15.226 | 15.222 | 15.259 | VV | 4434   | 68703   | 1.09%  | 0.019% |
| 315 | 15.288 | 15.259 | 15.306 | PV | 13852  | 207108  | 3.28%  | 0.057% |
| 316 | 15.336 | 15.306 | 15.358 | VV | 144060 | 1918889 | 30.35% | 0.531% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 317 | 15.383 | 15.358 | 15.416 | VV | 239283 | 4011046 | 63.44% | 1.110% |
| 318 | 15.425 | 15.416 | 15.446 | VV | 9311   | 117628  | 1.86%  | 0.033% |
| 319 | 15.451 | 15.446 | 15.459 | VV | 4912   | 33162   | 0.52%  | 0.009% |
| 320 | 15.497 | 15.459 | 15.514 | VV | 27480  | 470199  | 7.44%  | 0.130% |
| 321 | 15.520 | 15.514 | 15.553 | VV | 13131  | 228476  | 3.61%  | 0.063% |
| 322 | 15.580 | 15.553 | 15.616 | VV | 13260  | 242537  | 3.84%  | 0.067% |
| 323 | 15.644 | 15.616 | 15.662 | PV | 19846  | 287545  | 4.55%  | 0.080% |
| 324 | 15.666 | 15.662 | 15.672 | VV | 9650   | 53937   | 0.85%  | 0.015% |
| 325 | 15.680 | 15.672 | 15.712 | VV | 11060  | 204612  | 3.24%  | 0.057% |
| 326 | 15.718 | 15.712 | 15.743 | VV | 9288   | 128095  | 2.03%  | 0.035% |
| 327 | 15.776 | 15.743 | 15.809 | VV | 47947  | 845599  | 13.37% | 0.234% |
| 328 | 15.821 | 15.809 | 15.874 | VV | 11072  | 205576  | 3.25%  | 0.057% |
| 329 | 15.915 | 15.874 | 15.956 | VV | 20977  | 483265  | 7.64%  | 0.134% |
| 330 | 15.971 | 15.956 | 15.984 | VV | 8522   | 112363  | 1.78%  | 0.031% |
| 331 | 16.014 | 15.984 | 16.037 | VV | 30811  | 485834  | 7.68%  | 0.134% |
| 332 | 16.053 | 16.037 | 16.085 | VV | 17412  | 255499  | 4.04%  | 0.071% |
| 333 | 16.102 | 16.085 | 16.115 | PV | 4500   | 60195   | 0.95%  | 0.017% |
| 334 | 16.177 | 16.115 | 16.204 | VV | 21856  | 592203  | 9.37%  | 0.164% |
| 335 | 16.207 | 16.204 | 16.212 | VV | 5325   | 25996   | 0.41%  | 0.007% |
| 336 | 16.217 | 16.212 | 16.221 | VV | 4759   | 24087   | 0.38%  | 0.007% |
| 337 | 16.228 | 16.221 | 16.237 | VV | 5665   | 45436   | 0.72%  | 0.013% |
| 338 | 16.253 | 16.237 | 16.279 | VV | 10739  | 147164  | 2.33%  | 0.041% |
| 339 | 16.300 | 16.279 | 16.304 | VV | 6737   | 59116   | 0.93%  | 0.016% |
| 340 | 16.309 | 16.304 | 16.322 | VV | 6301   | 55495   | 0.88%  | 0.015% |
| 341 | 16.341 | 16.322 | 16.359 | VV | 11781  | 156053  | 2.47%  | 0.043% |
| 342 | 16.383 | 16.359 | 16.387 | VV | 9467   | 117237  | 1.85%  | 0.032% |
| 343 | 16.420 | 16.387 | 16.512 | VV | 168442 | 2591616 | 40.99% | 0.717% |
| 344 | 16.518 | 16.512 | 16.542 | VV | 5049   | 47305   | 0.75%  | 0.013% |
| 345 | 16.556 | 16.542 | 16.582 | VV | 3771   | 37931   | 0.60%  | 0.010% |
| 346 | 16.636 | 16.582 | 16.674 | PV | 16278  | 528574  | 8.36%  | 0.146% |
| 347 | 16.699 | 16.674 | 16.707 | VV | 15373  | 210604  | 3.33%  | 0.058% |
| 348 | 16.725 | 16.707 | 16.747 | VV | 16625  | 327185  | 5.17%  | 0.091% |
| 349 | 16.753 | 16.747 | 16.779 | VV | 11045  | 196112  | 3.10%  | 0.054% |
| 350 | 16.821 | 16.779 | 16.840 | VV | 20620  | 591017  | 9.35%  | 0.164% |
| 351 | 16.842 | 16.840 | 16.870 | VV | 15023  | 191949  | 3.04%  | 0.053% |
| 352 | 16.914 | 16.870 | 16.933 | VV | 180801 | 2898353 | 45.84% | 0.802% |
| 353 | 16.941 | 16.933 | 16.976 | VV | 74340  | 897705  | 14.20% | 0.248% |
| 354 | 16.992 | 16.976 | 16.996 | VV | 13247  | 123620  | 1.96%  | 0.034% |
| 355 | 17.011 | 16.996 | 17.017 | VV | 15983  | 183656  | 2.90%  | 0.051% |
| 356 | 17.043 | 17.017 | 17.066 | VV | 45158  | 780625  | 12.35% | 0.216% |
| 357 | 17.077 | 17.066 | 17.106 | VV | 21153  | 443805  | 7.02%  | 0.123% |
| 358 | 17.111 | 17.106 | 17.118 | VV | 19832  | 132712  | 2.10%  | 0.037% |
| 359 | 17.133 | 17.118 | 17.151 | VV | 20656  | 345745  | 5.47%  | 0.096% |
| 360 | 17.163 | 17.151 | 17.177 | VV | 18438  | 266862  | 4.22%  | 0.074% |
| 361 | 17.208 | 17.177 | 17.218 | VV | 46350  | 796781  | 12.60% | 0.220% |
| 362 | 17.239 | 17.218 | 17.266 | VV | 120084 | 1850726 | 29.27% | 0.512% |
| 363 | 17.298 | 17.266 | 17.336 | VV | 126941 | 2135362 | 33.77% | 0.591% |
| 364 | 17.339 | 17.336 | 17.342 | VV | 15298  | 58948   | 0.93%  | 0.016% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 365 | 17.379 | 17.342 | 17.429 | VV | 176236 | 3799497 | 60.09% | 1.051% |
| 366 | 17.448 | 17.429 | 17.470 | VV | 31560  | 628864  | 9.95%  | 0.174% |
| 367 | 17.506 | 17.470 | 17.513 | VV | 27554  | 615529  | 9.74%  | 0.170% |
| 368 | 17.542 | 17.513 | 17.547 | VV | 27870  | 507509  | 8.03%  | 0.140% |
| 369 | 17.563 | 17.547 | 17.573 | VV | 31260  | 429490  | 6.79%  | 0.119% |
| 370 | 17.577 | 17.573 | 17.582 | VV | 28157  | 152296  | 2.41%  | 0.042% |
| 371 | 17.599 | 17.582 | 17.607 | VV | 30840  | 438499  | 6.94%  | 0.121% |
| 372 | 17.621 | 17.607 | 17.625 | VV | 31414  | 318972  | 5.04%  | 0.088% |
| 373 | 17.635 | 17.625 | 17.657 | VV | 37579  | 669609  | 10.59% | 0.185% |
| 374 | 17.664 | 17.657 | 17.679 | VV | 35646  | 427234  | 6.76%  | 0.118% |
| 375 | 17.705 | 17.679 | 17.737 | VV | 45720  | 1305303 | 20.64% | 0.361% |
| 376 | 17.756 | 17.737 | 17.765 | VV | 37672  | 552753  | 8.74%  | 0.153% |
| 377 | 17.813 | 17.765 | 17.853 | VV | 56659  | 2170639 | 34.33% | 0.601% |
| 378 | 17.883 | 17.853 | 17.899 | VV | 41291  | 930247  | 14.71% | 0.257% |
| 379 | 17.918 | 17.899 | 17.934 | VV | 40687  | 747907  | 11.83% | 0.207% |
| 380 | 17.960 | 17.934 | 17.992 | VV | 53734  | 1412709 | 22.34% | 0.391% |
| 381 | 18.015 | 17.992 | 18.046 | VV | 44142  | 1193293 | 18.87% | 0.330% |
| 382 | 18.056 | 18.046 | 18.074 | VV | 35738  | 514666  | 8.14%  | 0.142% |
| 383 | 18.082 | 18.074 | 18.097 | VV | 32493  | 412241  | 6.52%  | 0.114% |
| 384 | 18.110 | 18.097 | 18.141 | VV | 39927  | 896035  | 14.17% | 0.248% |
| 385 | 18.149 | 18.141 | 18.154 | VV | 33536  | 250417  | 3.96%  | 0.069% |
| 386 | 18.197 | 18.154 | 18.211 | VV | 48619  | 1341795 | 21.22% | 0.371% |
| 387 | 18.228 | 18.211 | 18.246 | VV | 46533  | 888497  | 14.05% | 0.246% |
| 388 | 18.275 | 18.246 | 18.317 | VV | 201174 | 4005843 | 63.36% | 1.109% |
| 389 | 18.339 | 18.317 | 18.362 | VV | 46303  | 1079238 | 17.07% | 0.299% |
| 390 | 18.379 | 18.362 | 18.386 | VV | 44988  | 557514  | 8.82%  | 0.154% |
| 391 | 18.400 | 18.386 | 18.404 | VV | 51836  | 479127  | 7.58%  | 0.133% |
| 392 | 18.431 | 18.404 | 18.500 | VV | 96949  | 3837620 | 60.69% | 1.062% |
| 393 | 18.528 | 18.500 | 18.533 | VV | 44911  | 822752  | 13.01% | 0.228% |
| 394 | 18.540 | 18.533 | 18.557 | VV | 48401  | 655487  | 10.37% | 0.181% |
| 395 | 18.595 | 18.557 | 18.617 | VV | 67477  | 1950704 | 30.85% | 0.540% |
| 396 | 18.640 | 18.617 | 18.661 | VV | 75539  | 1647534 | 26.06% | 0.456% |
| 397 | 18.694 | 18.661 | 18.719 | VV | 129908 | 3010771 | 47.62% | 0.833% |
| 398 | 18.724 | 18.719 | 18.748 | VV | 57220  | 880330  | 13.92% | 0.244% |
| 399 | 18.779 | 18.748 | 18.784 | VV | 59031  | 1160418 | 18.35% | 0.321% |
| 400 | 18.806 | 18.784 | 18.842 | VV | 112649 | 2844967 | 45.00% | 0.787% |
| 401 | 18.849 | 18.842 | 18.867 | VV | 68890  | 945894  | 14.96% | 0.262% |
| 402 | 18.875 | 18.867 | 18.905 | VV | 61701  | 1184390 | 18.73% | 0.328% |
| 403 | 18.950 | 18.905 | 18.981 | VV | 149229 | 3579435 | 56.61% | 0.991% |
| 404 | 18.984 | 18.981 | 18.989 | VV | 51899  | 257271  | 4.07%  | 0.071% |
| 405 | 19.030 | 18.989 | 19.049 | VV | 55602  | 1785589 | 28.24% | 0.494% |
| 406 | 19.080 | 19.049 | 19.090 | VV | 68627  | 1474678 | 23.32% | 0.408% |
| 407 | 19.115 | 19.090 | 19.159 | VV | 184320 | 4029248 | 63.73% | 1.115% |
| 408 | 19.170 | 19.159 | 19.174 | VV | 48862  | 402608  | 6.37%  | 0.111% |
| 409 | 19.189 | 19.174 | 19.201 | VV | 55953  | 838425  | 13.26% | 0.232% |
| 410 | 19.232 | 19.201 | 19.249 | VV | 88831  | 2037254 | 32.22% | 0.564% |
| 411 | 19.255 | 19.249 | 19.259 | VV | 63497  | 363928  | 5.76%  | 0.101% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 412 | 19.280 | 19.259 | 19.299 | VV | 89813  | 1850359 | 29.26% | 0.512% |
| 413 | 19.307 | 19.299 | 19.332 | VV | 67023  | 1178363 | 18.64% | 0.326% |
| 414 | 19.338 | 19.332 | 19.349 | VV | 57598  | 550139  | 8.70%  | 0.152% |
| 415 | 19.380 | 19.349 | 19.403 | VV | 74951  | 2157817 | 34.13% | 0.597% |
| 416 | 19.408 | 19.403 | 19.436 | VV | 72255  | 1305807 | 20.65% | 0.361% |
| 417 | 19.443 | 19.436 | 19.455 | VV | 68518  | 786662  | 12.44% | 0.218% |
| 418 | 19.482 | 19.455 | 19.507 | VV | 84308  | 2349599 | 37.16% | 0.650% |
| 419 | 19.521 | 19.507 | 19.541 | VV | 81485  | 1538554 | 24.33% | 0.426% |
| 420 | 19.562 | 19.541 | 19.582 | VV | 92987  | 1991317 | 31.49% | 0.551% |
| 421 | 19.589 | 19.582 | 19.601 | VV | 70682  | 735432  | 11.63% | 0.204% |
| 422 | 19.635 | 19.601 | 19.688 | VV | 95730  | 4075315 | 64.45% | 1.128% |
| 423 | 19.706 | 19.688 | 19.711 | VV | 73047  | 961703  | 15.21% | 0.266% |
| 424 | 19.715 | 19.711 | 19.724 | VV | 72016  | 521547  | 8.25%  | 0.144% |
| 425 | 19.750 | 19.724 | 19.757 | VV | 81370  | 1501356 | 23.75% | 0.415% |
| 426 | 19.759 | 19.757 | 19.776 | VV | 74172  | 788303  | 12.47% | 0.218% |
| 427 | 19.781 | 19.776 | 19.785 | VV | 75322  | 397241  | 6.28%  | 0.110% |
| 428 | 19.797 | 19.785 | 19.802 | VV | 79194  | 799863  | 12.65% | 0.221% |
| 429 | 19.809 | 19.802 | 19.814 | VV | 78778  | 535033  | 8.46%  | 0.148% |
| 430 | 19.819 | 19.814 | 19.827 | VV | 77637  | 613081  | 9.70%  | 0.170% |
| 431 | 19.831 | 19.827 | 19.857 | VV | 80212  | 1337966 | 21.16% | 0.370% |
| 432 | 19.861 | 19.857 | 19.866 | VV | 74264  | 369431  | 5.84%  | 0.102% |
| 433 | 19.907 | 19.866 | 19.932 | VV | 204329 | 4845764 | 76.64% | 1.341% |
| 434 | 19.944 | 19.932 | 19.965 | VV | 99386  | 1843279 | 29.15% | 0.510% |
| 435 | 19.983 | 19.965 | 20.004 | VV | 87803  | 1941575 | 30.71% | 0.537% |
| 436 | 20.013 | 20.004 | 20.019 | VV | 90108  | 788808  | 12.48% | 0.218% |
| 437 | 20.042 | 20.019 | 20.062 | VV | 104964 | 2461642 | 38.93% | 0.681% |
| 438 | 20.065 | 20.062 | 20.073 | VV | 94781  | 596077  | 9.43%  | 0.165% |
| 439 | 20.082 | 20.073 | 20.089 | VV | 92179  | 824850  | 13.05% | 0.228% |
| 440 | 20.124 | 20.089 | 20.162 | VV | 124521 | 4672999 | 73.91% | 1.293% |
| 441 | 20.189 | 20.162 | 20.229 | VV | 137824 | 4665325 | 73.79% | 1.291% |
| 442 | 20.274 | 20.229 | 20.307 | VV | 135805 | 5488410 | 86.80% | 1.519% |
| 443 | 20.340 | 20.307 | 20.377 | VV | 120922 | 4632024 | 73.26% | 1.282% |
| 444 | 20.410 | 20.377 | 20.428 | VV | 114521 | 3288335 | 52.01% | 0.910% |
| 445 | 20.443 | 20.428 | 20.447 | VV | 118736 | 1318998 | 20.86% | 0.365% |
| 446 | 20.458 | 20.447 | 20.463 | VV | 124679 | 1082758 | 17.12% | 0.300% |
| 447 | 20.466 | 20.463 | 20.475 | VV | 122078 | 913726  | 14.45% | 0.253% |
| 448 | 20.510 | 20.475 | 20.539 | VV | 164313 | 5402133 | 85.44% | 1.495% |
| 449 | 20.577 | 20.539 | 20.596 | VV | 152167 | 4591882 | 72.62% | 1.271% |
| 450 | 20.609 | 20.596 | 20.623 | VV | 137750 | 2194105 | 34.70% | 0.607% |
| 451 | 20.656 | 20.623 | 20.685 | VV | 226602 | 6233597 | 98.59% | 1.725% |
| 452 | 20.693 | 20.685 | 20.700 | VV | 136341 | 1128802 | 17.85% | 0.312% |
| 453 | 20.705 | 20.700 | 20.712 | VV | 131214 | 955928  | 15.12% | 0.265% |
| 454 | 20.740 | 20.712 | 20.767 | VV | 150533 | 4540908 | 71.82% | 1.257% |
| 455 | 20.775 | 20.767 | 20.781 | VV | 130779 | 1011611 | 16.00% | 0.280% |
| 456 | 20.799 | 20.781 | 20.804 | VV | 135509 | 1779908 | 28.15% | 0.493% |
| 457 | 20.809 | 20.804 | 20.854 | VV | 135184 | 3773553 | 59.68% | 1.044% |
| 458 | 20.861 | 20.854 | 20.865 | VV | 127662 | 831875  | 13.16% | 0.230% |
| 459 | 20.881 | 20.865 | 20.903 | VV | 136153 | 2840269 | 44.92% | 0.786% |

|     |        |        |        |     |        |         |         |        |
|-----|--------|--------|--------|-----|--------|---------|---------|--------|
|     |        |        |        |     | rteres |         |         |        |
| 460 | 20.912 | 20.903 | 20.919 | VV  | 124728 | 1151238 | 18.21%  | 0.319% |
| 461 | 20.936 | 20.919 | 20.973 | VV  | 122004 | 3807895 | 60.22%  | 1.054% |
| 462 | 20.981 | 20.973 | 21.001 | VV  | 115485 | 1842193 | 29.14%  | 0.510% |
| 463 | 21.018 | 21.001 | 21.037 | VV  | 120094 | 2464477 | 38.98%  | 0.682% |
| 464 | 21.043 | 21.037 | 21.065 | VV  | 116256 | 1857812 | 29.38%  | 0.514% |
| 465 | 21.091 | 21.065 | 21.096 | VV  | 112277 | 1972451 | 31.20%  | 0.546% |
| 466 | 21.102 | 21.096 | 21.125 | VV  | 109388 | 1847542 | 29.22%  | 0.511% |
| 467 | 21.148 | 21.125 | 21.159 | VV  | 111785 | 2100453 | 33.22%  | 0.581% |
| 468 | 21.166 | 21.159 | 21.177 | VV  | 116698 | 1223627 | 19.35%  | 0.339% |
| 469 | 21.181 | 21.177 | 21.194 | VV  | 116169 | 1100141 | 17.40%  | 0.304% |
| 470 | 21.212 | 21.194 | 21.288 | VV  | 103541 | 5477154 | 86.63%  | 1.516% |
| 471 | 21.315 | 21.288 | 21.361 | VV  | 94527  | 3841114 | 60.75%  | 1.063% |
| 472 | 21.376 | 21.361 | 21.404 | VV  | 88166  | 2178000 | 34.45%  | 0.603% |
| 473 | 21.449 | 21.404 | 21.511 | VV  | 150516 | 6322823 | 100.00% | 1.750% |
| 474 | 21.524 | 21.511 | 21.539 | VV  | 78975  | 1226816 | 19.40%  | 0.339% |
| 475 | 21.552 | 21.539 | 21.567 | VV  | 79177  | 1161680 | 18.37%  | 0.321% |
| 476 | 21.595 | 21.567 | 21.659 | VV  | 76674  | 3727211 | 58.95%  | 1.031% |
| 477 | 21.669 | 21.659 | 21.687 | VV  | 67720  | 1050579 | 16.62%  | 0.291% |
| 478 | 21.695 | 21.687 | 21.759 | VV  | 66777  | 2457008 | 38.86%  | 0.680% |
| 479 | 21.779 | 21.759 | 21.801 | VV  | 55641  | 1339202 | 21.18%  | 0.371% |
| 480 | 21.822 | 21.801 | 21.863 | VV  | 53897  | 1837179 | 29.06%  | 0.508% |
| 481 | 21.880 | 21.863 | 21.914 | VV  | 49192  | 1426043 | 22.55%  | 0.395% |
| 482 | 21.924 | 21.914 | 21.966 | VV  | 51097  | 1362772 | 21.55%  | 0.377% |
| 483 | 21.978 | 21.966 | 21.993 | VV  | 39545  | 598898  | 9.47%   | 0.166% |
| 484 | 22.007 | 21.993 | 22.046 | VV  | 44618  | 1233276 | 19.51%  | 0.341% |
| 485 | 22.062 | 22.046 | 22.124 | VV  | 41388  | 1563356 | 24.73%  | 0.433% |
| 486 | 22.133 | 22.124 | 22.154 | VV  | 30841  | 460170  | 7.28%   | 0.127% |
| 487 | 22.184 | 22.154 | 22.206 | VV  | 28686  | 692628  | 10.95%  | 0.192% |
| 488 | 22.223 | 22.206 | 22.241 | VV  | 20812  | 396340  | 6.27%   | 0.110% |
| 489 | 22.249 | 22.241 | 22.267 | VV  | 16663  | 224779  | 3.56%   | 0.062% |
| 490 | 22.287 | 22.267 | 22.326 | VV  | 18929  | 448136  | 7.09%   | 0.124% |
| 491 | 22.345 | 22.326 | 22.363 | VV  | 13537  | 199173  | 3.15%   | 0.055% |
| 492 | 22.387 | 22.363 | 22.409 | VV  | 13928  | 260763  | 4.12%   | 0.072% |
| 493 | 22.465 | 22.409 | 22.501 | PBA | 52296  | 1557091 | 24.63%  | 0.431% |

Sum of corrected areas: 361365334

FG080525.M Fri Sep 05 05:05:44 2025

## Report of Analysis

|                    |                                  |                    |          |
|--------------------|----------------------------------|--------------------|----------|
| Client:            | Sciacca General Contractors, LLC | Date Collected:    | 08/29/25 |
| Project:           | 29-35 Frelinghuysen Ave, Newark  | Date Received:     | 08/29/25 |
| Client Sample ID:  | AU-05-082925MSD                  | SDG No.:           | Q3012    |
| Lab Sample ID:     | Q2998-01MSD                      | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                        | % Solid:           | 94.5     |
| Sample Wt/Vol:     | 30.03                            | Units:             | g        |
| Soil Aliquot Vol:  |                                  |                    | uL       |
| Extraction Type:   |                                  | Final Vol:         | 1        |
| GPC Factor :       |                                  | Test:              | TPH GC   |
| Prep Method :      | SW3541                           | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016550.D        | 1         | 09/04/25 08:45 | 09/04/25 16:45 | PB169544      |

| CAS Number        | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |        |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 134000 | E         | 406      | 3000       | ug/kg             |
| <b>SURROGATES</b> |                        |        |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 13.1   |           | 37 - 130 | 65%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016550.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 16:45  
 Operator : YP\AJ  
 Sample : Q2998-01MSD  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 AU-05-082925MSD

Integration File: Sample.e  
 Quant Time: Sep 05 03:48:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.189  | 1246018  | 13.078 ug/ml  |
| Target Compounds              |         |          |               |
| 1) N-OCTANE                   | 2.104   | 1756447  | 16.552 ug/ml  |
| 2) N-DECANE                   | 4.652   | 2033996  | 18.822 ug/ml  |
| 3) N-DODECANE                 | 6.836   | 2190628  | 20.157 ug/mlm |
| 4) N-TETRADECANE              | 8.679   | 2704646  | 24.736 ug/mlm |
| 5) N-HEXADECANE               | 10.298  | 3289965  | 30.267 ug/mlm |
| 6) N-OCTADECANE               | 11.754  | 3519084  | 31.814 ug/mlm |
| 7) N-EICOSANE                 | 13.075  | 3711002  | 32.833 ug/ml  |
| 8) N-DOCOSANE                 | 14.283  | 2835544  | 25.811 ug/ml  |
| 10) N-TETRACOSANE             | 15.391  | 3890124  | 35.503 ug/ml  |
| 11) N-HEXACOSANE              | 16.427  | 2181265  | 20.396 ug/mlm |
| 12) N-OCTACOSANE              | 17.385  | 2966038  | 27.532 ug/ml  |
| 13) N-TRIACONTANE             | 18.282  | 3035708  | 27.861 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.121  | 2409053  | 22.871 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.915  | 2069626  | 21.720 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.662  | 1560649  | 20.887 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.459  | 1534604  | 25.595 ug/mlm |
| 18) N-TETRACONTANE            | 22.475f | 1726687  | 41.080 ug/mlm |
| -----                         |         |          |               |

(f)=RT Delta > 1/2 Window

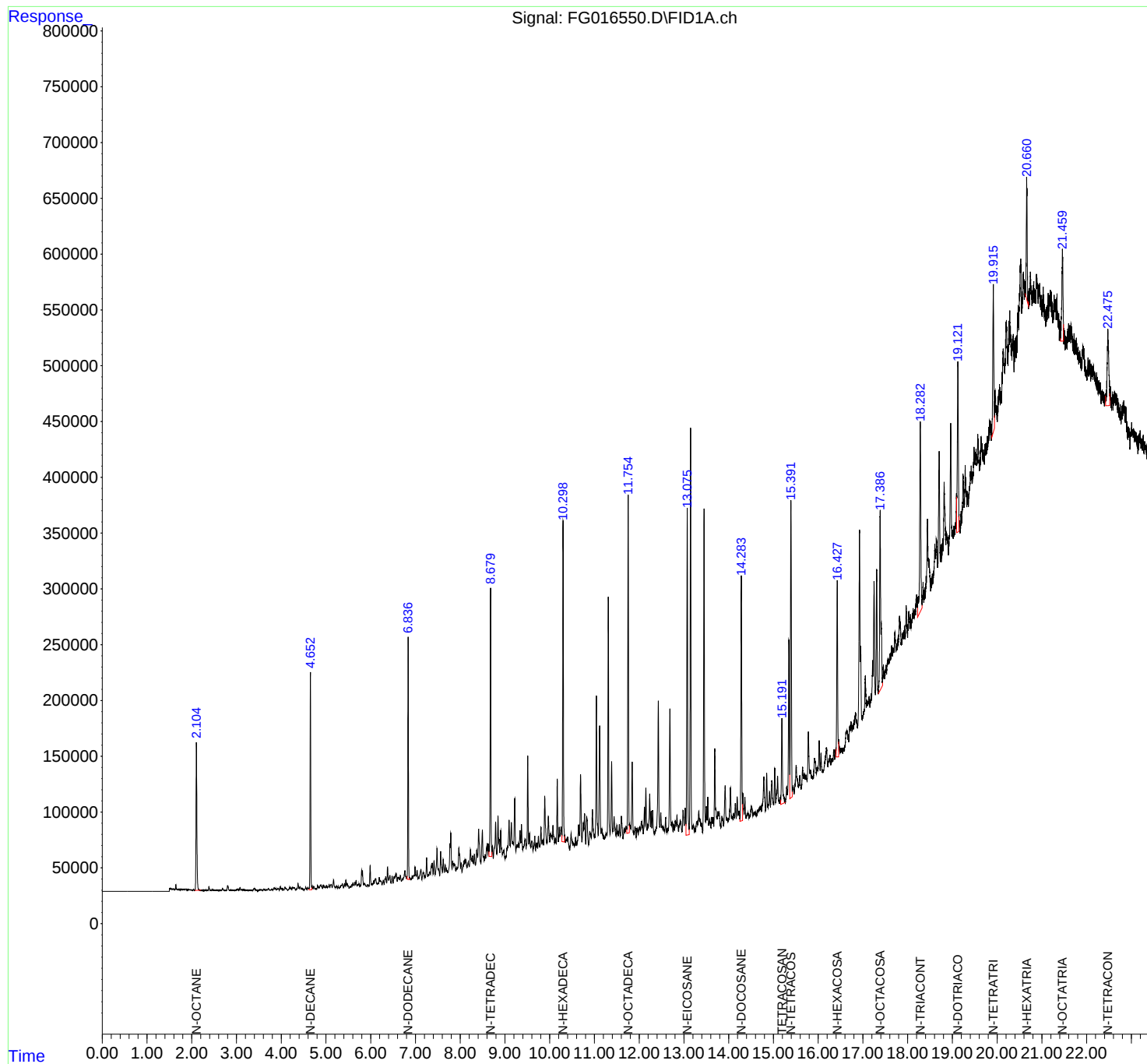
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
Data File : FG016550.D  
Signal(s) : FID1A.ch  
Acq On : 04 Sep 2025 16:45  
Operator : YP\AJ  
Sample : Q2998-01MSD  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-082925MSD

Integration File: Sample.e  
Quant Time: Sep 05 03:48:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
Quant Title :  
QLast Update : Thu Sep 04 10:24:25 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\_G\Data\FG090425\  
 Data File : FG016550.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 16:45  
 Sample : Q2998-01MSD  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.041       | 2.022        | 2.065      | PV       | 569            | 7668         | 0.11%          | 0.002%        |
| 2         | 2.104       | 2.065        | 2.172      | VV       | 132614         | 1760309      | 24.89%         | 0.466%        |
| 3         | 2.176       | 2.172        | 2.222      | VV       | 333            | 6785         | 0.10%          | 0.002%        |
| 4         | 2.229       | 2.222        | 2.240      | VV       | 147            | 1079         | 0.02%          | 0.000%        |
| 5         | 2.246       | 2.240        | 2.258      | PV       | 138            | 1048         | 0.01%          | 0.000%        |
| 6         | 2.267       | 2.258        | 2.282      | VV       | 224            | 2423         | 0.03%          | 0.001%        |
| 7         | 2.298       | 2.282        | 2.306      | VV       | 398            | 4095         | 0.06%          | 0.001%        |
| 8         | 2.322       | 2.306        | 2.364      | VV       | 431            | 8804         | 0.12%          | 0.002%        |
| 9         | 2.384       | 2.364        | 2.423      | VV       | 3528           | 43073        | 0.61%          | 0.011%        |
| 10        | 2.456       | 2.423        | 2.506      | VV       | 722            | 16260        | 0.23%          | 0.004%        |
| 11        | 2.524       | 2.506        | 2.538      | VV       | 524            | 6263         | 0.09%          | 0.002%        |
| 12        | 2.555       | 2.538        | 2.597      | VV       | 441            | 10312        | 0.15%          | 0.003%        |
| 13        | 2.607       | 2.597        | 2.630      | VV       | 274            | 3779         | 0.05%          | 0.001%        |
| 14        | 2.636       | 2.630        | 2.659      | VV       | 220            | 2720         | 0.04%          | 0.001%        |
| 15        | 2.687       | 2.659        | 2.708      | VV       | 2150           | 27957        | 0.40%          | 0.007%        |
| 16        | 2.711       | 2.708        | 2.770      | VV       | 585            | 8605         | 0.12%          | 0.002%        |
| 17        | 2.803       | 2.770        | 2.857      | PV       | 4410           | 85543        | 1.21%          | 0.023%        |
| 18        | 2.869       | 2.857        | 2.908      | VV       | 490            | 8637         | 0.12%          | 0.002%        |
| 19        | 2.925       | 2.908        | 2.947      | VV       | 434            | 8078         | 0.11%          | 0.002%        |
| 20        | 2.953       | 2.947        | 2.976      | VV       | 303            | 3812         | 0.05%          | 0.001%        |
| 21        | 2.998       | 2.976        | 3.002      | VV       | 665            | 7018         | 0.10%          | 0.002%        |
| 22        | 3.024       | 3.002        | 3.053      | VV       | 1365           | 26911        | 0.38%          | 0.007%        |
| 23        | 3.079       | 3.053        | 3.103      | VV       | 2504           | 35233        | 0.50%          | 0.009%        |
| 24        | 3.118       | 3.103        | 3.139      | VV       | 937            | 13911        | 0.20%          | 0.004%        |
| 25        | 3.165       | 3.139        | 3.183      | VV       | 885            | 17049        | 0.24%          | 0.005%        |
| 26        | 3.190       | 3.183        | 3.218      | VV       | 604            | 7748         | 0.11%          | 0.002%        |
| 27        | 3.232       | 3.218        | 3.279      | VV       | 332            | 7456         | 0.11%          | 0.002%        |
| 28        | 3.314       | 3.279        | 3.336      | VV       | 515            | 8563         | 0.12%          | 0.002%        |
| 29        | 3.354       | 3.336        | 3.361      | VV       | 207            | 2478         | 0.04%          | 0.001%        |
| 30        | 3.387       | 3.361        | 3.402      | VV       | 1819           | 26675        | 0.38%          | 0.007%        |
| 31        | 3.405       | 3.402        | 3.425      | VV       | 1393           | 13712        | 0.19%          | 0.004%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 32 | 3.431 | 3.425 | 3.459 | VV | 565    | 7275    | 0.10%  | 0.002% |
| 33 | 3.463 | 3.459 | 3.468 | VV | 120    | 414     | 0.01%  | 0.000% |
| 34 | 3.473 | 3.468 | 3.478 | VV | 54     | 230     | 0.00%  | 0.000% |
| 35 | 3.507 | 3.478 | 3.518 | PV | 663    | 7112    | 0.10%  | 0.002% |
| 36 | 3.534 | 3.518 | 3.550 | VV | 653    | 9187    | 0.13%  | 0.002% |
| 37 | 3.563 | 3.550 | 3.582 | VV | 652    | 7852    | 0.11%  | 0.002% |
| 38 | 3.608 | 3.582 | 3.628 | VV | 800    | 14435   | 0.20%  | 0.004% |
| 39 | 3.635 | 3.628 | 3.660 | VV | 704    | 8372    | 0.12%  | 0.002% |
| 40 | 3.676 | 3.660 | 3.690 | VV | 494    | 6254    | 0.09%  | 0.002% |
| 41 | 3.710 | 3.690 | 3.752 | VV | 1552   | 32024   | 0.45%  | 0.008% |
| 42 | 3.788 | 3.752 | 3.818 | VV | 850    | 23877   | 0.34%  | 0.006% |
| 43 | 3.839 | 3.818 | 3.867 | VV | 2367   | 46912   | 0.66%  | 0.012% |
| 44 | 3.877 | 3.867 | 3.898 | VV | 1765   | 23607   | 0.33%  | 0.006% |
| 45 | 3.923 | 3.898 | 3.959 | VV | 1965   | 41954   | 0.59%  | 0.011% |
| 46 | 3.980 | 3.959 | 3.996 | VV | 3353   | 42645   | 0.60%  | 0.011% |
| 47 | 4.003 | 3.996 | 4.018 | VV | 1813   | 18552   | 0.26%  | 0.005% |
| 48 | 4.032 | 4.018 | 4.058 | VV | 1959   | 23975   | 0.34%  | 0.006% |
| 49 | 4.083 | 4.058 | 4.147 | VV | 3073   | 72387   | 1.02%  | 0.019% |
| 50 | 4.169 | 4.147 | 4.175 | PV | 1150   | 11144   | 0.16%  | 0.003% |
| 51 | 4.189 | 4.175 | 4.204 | VV | 2717   | 33071   | 0.47%  | 0.009% |
| 52 | 4.220 | 4.204 | 4.239 | VV | 1859   | 30671   | 0.43%  | 0.008% |
| 53 | 4.256 | 4.239 | 4.273 | VV | 2857   | 40604   | 0.57%  | 0.011% |
| 54 | 4.294 | 4.273 | 4.326 | VV | 2368   | 47944   | 0.68%  | 0.013% |
| 55 | 4.375 | 4.326 | 4.404 | VV | 6123   | 107082  | 1.51%  | 0.028% |
| 56 | 4.420 | 4.404 | 4.449 | VV | 3027   | 52668   | 0.74%  | 0.014% |
| 57 | 4.467 | 4.449 | 4.504 | VV | 1696   | 30636   | 0.43%  | 0.008% |
| 58 | 4.547 | 4.504 | 4.573 | PV | 2326   | 38756   | 0.55%  | 0.010% |
| 59 | 4.593 | 4.573 | 4.621 | VV | 1971   | 35678   | 0.50%  | 0.009% |
| 60 | 4.653 | 4.621 | 4.681 | VV | 194850 | 2035003 | 28.77% | 0.538% |
| 61 | 4.692 | 4.681 | 4.709 | VV | 3381   | 38436   | 0.54%  | 0.010% |
| 62 | 4.728 | 4.709 | 4.755 | VV | 2954   | 45255   | 0.64%  | 0.012% |
| 63 | 4.764 | 4.755 | 4.790 | VV | 673    | 9748    | 0.14%  | 0.003% |
| 64 | 4.813 | 4.790 | 4.852 | VV | 3191   | 67644   | 0.96%  | 0.018% |
| 65 | 4.872 | 4.852 | 4.878 | VV | 3730   | 45115   | 0.64%  | 0.012% |
| 66 | 4.886 | 4.878 | 4.922 | VV | 4059   | 72269   | 1.02%  | 0.019% |
| 67 | 4.938 | 4.922 | 4.952 | VV | 3939   | 45085   | 0.64%  | 0.012% |
| 68 | 4.964 | 4.952 | 4.979 | VV | 2765   | 32839   | 0.46%  | 0.009% |
| 69 | 4.999 | 4.979 | 5.009 | VV | 2667   | 37488   | 0.53%  | 0.010% |
| 70 | 5.020 | 5.009 | 5.034 | VV | 3273   | 38413   | 0.54%  | 0.010% |
| 71 | 5.071 | 5.034 | 5.087 | VV | 4091   | 75988   | 1.07%  | 0.020% |
| 72 | 5.118 | 5.087 | 5.138 | VV | 4307   | 93126   | 1.32%  | 0.025% |
| 73 | 5.171 | 5.138 | 5.212 | VV | 8349   | 162210  | 2.29%  | 0.043% |
| 74 | 5.236 | 5.212 | 5.256 | VV | 2559   | 44533   | 0.63%  | 0.012% |
| 75 | 5.272 | 5.256 | 5.296 | VV | 2111   | 29206   | 0.41%  | 0.008% |
| 76 | 5.340 | 5.296 | 5.353 | VV | 3208   | 66185   | 0.94%  | 0.018% |
| 77 | 5.366 | 5.353 | 5.393 | VV | 4457   | 67931   | 0.96%  | 0.018% |
| 78 | 5.413 | 5.393 | 5.428 | VV | 4374   | 56247   | 0.80%  | 0.015% |
| 79 | 5.445 | 5.428 | 5.459 | VV | 7737   | 90104   | 1.27%  | 0.024% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 80  | 5.476 | 5.459 | 5.492 | VV | 3978   | 64843   | 0.92%  | 0.017% |
| 81  | 5.499 | 5.492 | 5.518 | VV | 2535   | 24679   | 0.35%  | 0.007% |
| 82  | 5.546 | 5.518 | 5.558 | PV | 1539   | 25015   | 0.35%  | 0.007% |
| 83  | 5.579 | 5.558 | 5.590 | VV | 3182   | 41476   | 0.59%  | 0.011% |
| 84  | 5.602 | 5.590 | 5.625 | VV | 4538   | 65903   | 0.93%  | 0.017% |
| 85  | 5.645 | 5.625 | 5.657 | VV | 4938   | 67426   | 0.95%  | 0.018% |
| 86  | 5.673 | 5.657 | 5.692 | VV | 6414   | 87874   | 1.24%  | 0.023% |
| 87  | 5.704 | 5.692 | 5.716 | VV | 2766   | 31367   | 0.44%  | 0.008% |
| 88  | 5.738 | 5.716 | 5.757 | VV | 3209   | 53374   | 0.75%  | 0.014% |
| 89  | 5.772 | 5.757 | 5.781 | VV | 2241   | 20595   | 0.29%  | 0.005% |
| 90  | 5.798 | 5.781 | 5.807 | VV | 15115  | 146438  | 2.07%  | 0.039% |
| 91  | 5.816 | 5.807 | 5.842 | VV | 14634  | 172568  | 2.44%  | 0.046% |
| 92  | 5.854 | 5.842 | 5.864 | VV | 2643   | 30354   | 0.43%  | 0.008% |
| 93  | 5.870 | 5.864 | 5.908 | VV | 2413   | 31185   | 0.44%  | 0.008% |
| 94  | 5.927 | 5.908 | 5.943 | VV | 1746   | 21458   | 0.30%  | 0.006% |
| 95  | 5.955 | 5.943 | 5.964 | VV | 999    | 8419    | 0.12%  | 0.002% |
| 96  | 5.987 | 5.964 | 6.018 | VV | 18241  | 223471  | 3.16%  | 0.059% |
| 97  | 6.027 | 6.018 | 6.035 | VV | 1621   | 14207   | 0.20%  | 0.004% |
| 98  | 6.069 | 6.035 | 6.082 | VV | 4641   | 72956   | 1.03%  | 0.019% |
| 99  | 6.096 | 6.082 | 6.106 | VV | 5857   | 68285   | 0.97%  | 0.018% |
| 100 | 6.114 | 6.106 | 6.145 | VV | 6085   | 83985   | 1.19%  | 0.022% |
| 101 | 6.166 | 6.145 | 6.176 | VV | 2155   | 30558   | 0.43%  | 0.008% |
| 102 | 6.192 | 6.176 | 6.204 | VV | 7068   | 73889   | 1.04%  | 0.020% |
| 103 | 6.214 | 6.204 | 6.226 | VV | 4229   | 47852   | 0.68%  | 0.013% |
| 104 | 6.233 | 6.226 | 6.253 | VV | 3496   | 36416   | 0.51%  | 0.010% |
| 105 | 6.282 | 6.253 | 6.300 | PV | 4049   | 57111   | 0.81%  | 0.015% |
| 106 | 6.318 | 6.300 | 6.324 | VV | 5165   | 45712   | 0.65%  | 0.012% |
| 107 | 6.336 | 6.324 | 6.356 | VV | 7116   | 87263   | 1.23%  | 0.023% |
| 108 | 6.377 | 6.356 | 6.403 | VV | 15497  | 207904  | 2.94%  | 0.055% |
| 109 | 6.429 | 6.403 | 6.454 | VV | 7527   | 137016  | 1.94%  | 0.036% |
| 110 | 6.479 | 6.454 | 6.500 | VV | 6705   | 85656   | 1.21%  | 0.023% |
| 111 | 6.523 | 6.500 | 6.535 | VV | 5944   | 84667   | 1.20%  | 0.022% |
| 112 | 6.547 | 6.535 | 6.551 | VV | 5948   | 48559   | 0.69%  | 0.013% |
| 113 | 6.564 | 6.551 | 6.592 | VV | 8898   | 152711  | 2.16%  | 0.040% |
| 114 | 6.608 | 6.592 | 6.618 | VV | 5104   | 58845   | 0.83%  | 0.016% |
| 115 | 6.630 | 6.618 | 6.643 | VV | 4827   | 59353   | 0.84%  | 0.016% |
| 116 | 6.662 | 6.643 | 6.686 | VV | 6414   | 96243   | 1.36%  | 0.025% |
| 117 | 6.710 | 6.686 | 6.722 | VV | 3124   | 46422   | 0.66%  | 0.012% |
| 118 | 6.764 | 6.722 | 6.797 | VV | 10213  | 243665  | 3.45%  | 0.064% |
| 119 | 6.836 | 6.797 | 6.867 | VV | 218918 | 2292633 | 32.42% | 0.606% |
| 120 | 6.872 | 6.867 | 6.889 | VV | 3153   | 31535   | 0.45%  | 0.008% |
| 121 | 6.898 | 6.889 | 6.902 | VV | 1539   | 11570   | 0.16%  | 0.003% |
| 122 | 6.927 | 6.902 | 6.938 | VV | 4505   | 62712   | 0.89%  | 0.017% |
| 123 | 6.951 | 6.938 | 6.957 | VV | 4622   | 43245   | 0.61%  | 0.011% |
| 124 | 6.967 | 6.957 | 6.975 | VV | 4941   | 46227   | 0.65%  | 0.012% |
| 125 | 6.990 | 6.975 | 7.006 | VV | 12437  | 147134  | 2.08%  | 0.039% |
| 126 | 7.012 | 7.006 | 7.020 | VV | 4699   | 36265   | 0.51%  | 0.010% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 127 | 7.036 | 7.020 | 7.055 | VV | 8973   | 119531  | 1.69%  | 0.032% |
| 128 | 7.065 | 7.055 | 7.075 | VV | 2462   | 21732   | 0.31%  | 0.006% |
| 129 | 7.122 | 7.075 | 7.142 | VV | 9343   | 195803  | 2.77%  | 0.052% |
| 130 | 7.182 | 7.142 | 7.198 | PV | 6077   | 133939  | 1.89%  | 0.035% |
| 131 | 7.205 | 7.198 | 7.218 | VV | 3124   | 27498   | 0.39%  | 0.007% |
| 132 | 7.249 | 7.218 | 7.273 | VV | 18956  | 253394  | 3.58%  | 0.067% |
| 133 | 7.286 | 7.273 | 7.297 | VV | 3324   | 39782   | 0.56%  | 0.011% |
| 134 | 7.317 | 7.297 | 7.334 | VV | 5709   | 100267  | 1.42%  | 0.027% |
| 135 | 7.352 | 7.334 | 7.360 | VV | 10403  | 119103  | 1.68%  | 0.032% |
| 136 | 7.375 | 7.360 | 7.394 | VV | 13310  | 192364  | 2.72%  | 0.051% |
| 137 | 7.414 | 7.394 | 7.442 | VV | 14888  | 219155  | 3.10%  | 0.058% |
| 138 | 7.481 | 7.442 | 7.507 | VV | 25774  | 454659  | 6.43%  | 0.120% |
| 139 | 7.516 | 7.507 | 7.542 | VV | 7224   | 106964  | 1.51%  | 0.028% |
| 140 | 7.562 | 7.542 | 7.603 | VV | 22560  | 371467  | 5.25%  | 0.098% |
| 141 | 7.620 | 7.603 | 7.647 | VV | 15209  | 220835  | 3.12%  | 0.058% |
| 142 | 7.665 | 7.647 | 7.683 | VV | 9678   | 140844  | 1.99%  | 0.037% |
| 143 | 7.695 | 7.683 | 7.729 | VV | 4873   | 102796  | 1.45%  | 0.027% |
| 144 | 7.771 | 7.729 | 7.777 | VV | 28106  | 351193  | 4.97%  | 0.093% |
| 145 | 7.790 | 7.777 | 7.817 | VV | 37678  | 514264  | 7.27%  | 0.136% |
| 146 | 7.832 | 7.817 | 7.856 | VV | 11818  | 208343  | 2.95%  | 0.055% |
| 147 | 7.864 | 7.856 | 7.872 | VV | 8518   | 80395   | 1.14%  | 0.021% |
| 148 | 7.878 | 7.872 | 7.903 | VV | 8718   | 114484  | 1.62%  | 0.030% |
| 149 | 7.922 | 7.903 | 7.937 | VV | 5304   | 89980   | 1.27%  | 0.024% |
| 150 | 7.969 | 7.937 | 7.982 | VV | 22859  | 342418  | 4.84%  | 0.091% |
| 151 | 7.987 | 7.982 | 8.007 | VV | 16864  | 178221  | 2.52%  | 0.047% |
| 152 | 8.023 | 8.007 | 8.040 | VV | 8984   | 116559  | 1.65%  | 0.031% |
| 153 | 8.067 | 8.040 | 8.075 | VV | 7141   | 92626   | 1.31%  | 0.025% |
| 154 | 8.088 | 8.075 | 8.098 | VV | 10640  | 121812  | 1.72%  | 0.032% |
| 155 | 8.110 | 8.098 | 8.121 | VV | 11382  | 130047  | 1.84%  | 0.034% |
| 156 | 8.129 | 8.121 | 8.149 | VV | 9711   | 129564  | 1.83%  | 0.034% |
| 157 | 8.180 | 8.149 | 8.203 | VV | 8660   | 204824  | 2.90%  | 0.054% |
| 158 | 8.229 | 8.203 | 8.261 | VV | 19537  | 414930  | 5.87%  | 0.110% |
| 159 | 8.278 | 8.261 | 8.296 | VV | 13823  | 218729  | 3.09%  | 0.058% |
| 160 | 8.317 | 8.296 | 8.342 | VV | 14869  | 267690  | 3.78%  | 0.071% |
| 161 | 8.369 | 8.342 | 8.391 | VV | 18330  | 356442  | 5.04%  | 0.094% |
| 162 | 8.412 | 8.391 | 8.462 | VV | 37016  | 823519  | 11.64% | 0.218% |
| 163 | 8.496 | 8.462 | 8.515 | VV | 35278  | 624184  | 8.83%  | 0.165% |
| 164 | 8.520 | 8.515 | 8.537 | VV | 11480  | 132068  | 1.87%  | 0.035% |
| 165 | 8.558 | 8.537 | 8.572 | VV | 13053  | 230463  | 3.26%  | 0.061% |
| 166 | 8.588 | 8.572 | 8.594 | VV | 18428  | 196011  | 2.77%  | 0.052% |
| 167 | 8.606 | 8.594 | 8.620 | VV | 22669  | 285609  | 4.04%  | 0.076% |
| 168 | 8.633 | 8.620 | 8.647 | VV | 21967  | 290015  | 4.10%  | 0.077% |
| 169 | 8.679 | 8.647 | 8.708 | VV | 250662 | 3091322 | 43.71% | 0.818% |
| 170 | 8.720 | 8.708 | 8.741 | VV | 19489  | 288585  | 4.08%  | 0.076% |
| 171 | 8.793 | 8.741 | 8.816 | VV | 40738  | 933349  | 13.20% | 0.247% |
| 172 | 8.846 | 8.816 | 8.861 | VV | 45485  | 707953  | 10.01% | 0.187% |
| 173 | 8.868 | 8.861 | 8.885 | VV | 24418  | 287655  | 4.07%  | 0.076% |
| 174 | 8.905 | 8.885 | 8.943 | VV | 32144  | 677897  | 9.58%  | 0.179% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 175 | 8.975  | 8.943  | 9.000  | VV | rteres<br>14094 | 377588  | 5.34%  | 0.100% |
| 176 | 9.012  | 9.000  | 9.023  | VV | 8165            | 106638  | 1.51%  | 0.028% |
| 177 | 9.044  | 9.023  | 9.048  | VV | 15562           | 177390  | 2.51%  | 0.047% |
| 178 | 9.061  | 9.048  | 9.068  | VV | 17148           | 186169  | 2.63%  | 0.049% |
| 179 | 9.093  | 9.068  | 9.114  | VV | 40268           | 755454  | 10.68% | 0.200% |
| 180 | 9.144  | 9.114  | 9.162  | VV | 37672           | 757523  | 10.71% | 0.200% |
| 181 | 9.170  | 9.162  | 9.192  | VV | 20315           | 340243  | 4.81%  | 0.090% |
| 182 | 9.219  | 9.192  | 9.245  | VV | 58989           | 1034602 | 14.63% | 0.274% |
| 183 | 9.271  | 9.245  | 9.286  | VV | 16568           | 363976  | 5.15%  | 0.096% |
| 184 | 9.304  | 9.286  | 9.318  | VV | 17429           | 310789  | 4.39%  | 0.082% |
| 185 | 9.337  | 9.318  | 9.357  | VV | 29307           | 507829  | 7.18%  | 0.134% |
| 186 | 9.370  | 9.357  | 9.396  | VV | 33923           | 536586  | 7.59%  | 0.142% |
| 187 | 9.412  | 9.396  | 9.421  | VV | 14465           | 207877  | 2.94%  | 0.055% |
| 188 | 9.457  | 9.421  | 9.472  | VV | 21018           | 537358  | 7.60%  | 0.142% |
| 189 | 9.510  | 9.472  | 9.537  | VV | 94924           | 1410782 | 19.95% | 0.373% |
| 190 | 9.551  | 9.537  | 9.579  | VV | 25515           | 473601  | 6.70%  | 0.125% |
| 191 | 9.602  | 9.579  | 9.627  | VV | 17941           | 425431  | 6.02%  | 0.113% |
| 192 | 9.667  | 9.627  | 9.685  | VV | 22077           | 512316  | 7.24%  | 0.136% |
| 193 | 9.699  | 9.685  | 9.712  | VV | 15885           | 212386  | 3.00%  | 0.056% |
| 194 | 9.720  | 9.712  | 9.731  | VV | 15296           | 156800  | 2.22%  | 0.041% |
| 195 | 9.749  | 9.731  | 9.781  | VV | 21260           | 454023  | 6.42%  | 0.120% |
| 196 | 9.804  | 9.781  | 9.831  | VV | 28742           | 577526  | 8.17%  | 0.153% |
| 197 | 9.847  | 9.831  | 9.864  | VV | 17302           | 306735  | 4.34%  | 0.081% |
| 198 | 9.890  | 9.864  | 9.947  | VV | 56532           | 1318282 | 18.64% | 0.349% |
| 199 | 9.970  | 9.947  | 10.002 | VV | 37843           | 826813  | 11.69% | 0.219% |
| 200 | 10.019 | 10.002 | 10.038 | VV | 22009           | 413337  | 5.84%  | 0.109% |
| 201 | 10.046 | 10.038 | 10.058 | VV | 19946           | 216322  | 3.06%  | 0.057% |
| 202 | 10.073 | 10.058 | 10.110 | VV | 28982           | 636170  | 8.99%  | 0.168% |
| 203 | 10.131 | 10.110 | 10.148 | VV | 17139           | 328998  | 4.65%  | 0.087% |
| 204 | 10.169 | 10.148 | 10.196 | VV | 69481           | 965678  | 13.65% | 0.255% |
| 205 | 10.214 | 10.196 | 10.232 | VV | 26015           | 440535  | 6.23%  | 0.117% |
| 206 | 10.255 | 10.232 | 10.276 | VV | 26346           | 589639  | 8.34%  | 0.156% |
| 207 | 10.299 | 10.276 | 10.353 | VV | 300712          | 3895891 | 55.08% | 1.031% |
| 208 | 10.377 | 10.353 | 10.390 | VV | 14789           | 299562  | 4.24%  | 0.079% |
| 209 | 10.404 | 10.390 | 10.447 | VV | 16060           | 375598  | 5.31%  | 0.099% |
| 210 | 10.478 | 10.447 | 10.528 | VV | 19244           | 555774  | 7.86%  | 0.147% |
| 211 | 10.532 | 10.528 | 10.545 | VV | 9415            | 94707   | 1.34%  | 0.025% |
| 212 | 10.548 | 10.545 | 10.561 | VV | 8770            | 78816   | 1.11%  | 0.021% |
| 213 | 10.578 | 10.561 | 10.596 | VV | 14683           | 226826  | 3.21%  | 0.060% |
| 214 | 10.645 | 10.596 | 10.665 | VV | 25818           | 624666  | 8.83%  | 0.165% |
| 215 | 10.690 | 10.665 | 10.719 | VV | 69885           | 1162734 | 16.44% | 0.308% |
| 216 | 10.750 | 10.719 | 10.764 | VV | 26197           | 529832  | 7.49%  | 0.140% |
| 217 | 10.779 | 10.764 | 10.805 | VV | 34180           | 541045  | 7.65%  | 0.143% |
| 218 | 10.825 | 10.805 | 10.868 | VV | 31351           | 727050  | 10.28% | 0.192% |
| 219 | 10.896 | 10.868 | 10.932 | VV | 18225           | 518162  | 7.33%  | 0.137% |
| 220 | 10.955 | 10.932 | 11.012 | VV | 37301           | 954287  | 13.49% | 0.252% |
| 221 | 11.043 | 11.012 | 11.084 | VV | 138002          | 2107950 | 29.80% | 0.558% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 11.116 | 11.084 | 11.147 | VV | 109913 | 1915084 | 27.08% | 0.507% |
| 223 | 11.164 | 11.147 | 11.198 | VV | 18477  | 470957  | 6.66%  | 0.125% |
| 224 | 11.207 | 11.198 | 11.227 | VV | 12101  | 179947  | 2.54%  | 0.048% |
| 225 | 11.274 | 11.227 | 11.282 | VV | 13922  | 390115  | 5.52%  | 0.103% |
| 226 | 11.310 | 11.282 | 11.348 | VV | 225241 | 2861311 | 40.46% | 0.757% |
| 227 | 11.384 | 11.348 | 11.407 | VV | 76901  | 1228256 | 17.37% | 0.325% |
| 228 | 11.439 | 11.407 | 11.484 | VV | 27756  | 800917  | 11.32% | 0.212% |
| 229 | 11.502 | 11.484 | 11.519 | VV | 19579  | 310456  | 4.39%  | 0.082% |
| 230 | 11.526 | 11.519 | 11.538 | VV | 12753  | 129756  | 1.83%  | 0.034% |
| 231 | 11.557 | 11.538 | 11.574 | VV | 19829  | 320910  | 4.54%  | 0.085% |
| 232 | 11.602 | 11.574 | 11.641 | VV | 27034  | 634013  | 8.96%  | 0.168% |
| 233 | 11.669 | 11.641 | 11.685 | VV | 15122  | 327865  | 4.64%  | 0.087% |
| 234 | 11.706 | 11.685 | 11.725 | VV | 16798  | 362127  | 5.12%  | 0.096% |
| 235 | 11.754 | 11.725 | 11.778 | VV | 313739 | 3853826 | 54.49% | 1.019% |
| 236 | 11.785 | 11.778 | 11.816 | VV | 18015  | 376971  | 5.33%  | 0.100% |
| 237 | 11.843 | 11.816 | 11.870 | VV | 73792  | 1217517 | 17.21% | 0.322% |
| 238 | 11.884 | 11.870 | 11.893 | VV | 11118  | 147118  | 2.08%  | 0.039% |
| 239 | 11.909 | 11.893 | 11.931 | VV | 14626  | 257467  | 3.64%  | 0.068% |
| 240 | 11.950 | 11.931 | 11.981 | VV | 13874  | 315447  | 4.46%  | 0.083% |
| 241 | 12.014 | 11.981 | 12.028 | VV | 15128  | 356944  | 5.05%  | 0.094% |
| 242 | 12.051 | 12.028 | 12.091 | VV | 18763  | 546415  | 7.73%  | 0.145% |
| 243 | 12.118 | 12.091 | 12.133 | VV | 31713  | 486780  | 6.88%  | 0.129% |
| 244 | 12.150 | 12.133 | 12.177 | VV | 48323  | 693811  | 9.81%  | 0.184% |
| 245 | 12.191 | 12.177 | 12.201 | VV | 15510  | 191785  | 2.71%  | 0.051% |
| 246 | 12.235 | 12.201 | 12.254 | VV | 42663  | 766858  | 10.84% | 0.203% |
| 247 | 12.268 | 12.254 | 12.283 | VV | 26935  | 343994  | 4.86%  | 0.091% |
| 248 | 12.428 | 12.349 | 12.464 | VV | 124215 | 2194894 | 31.03% | 0.581% |
| 249 | 12.483 | 12.464 | 12.510 | VV | 23998  | 443719  | 6.27%  | 0.117% |
| 250 | 12.522 | 12.510 | 12.526 | VV | 10911  | 103456  | 1.46%  | 0.027% |
| 251 | 12.532 | 12.526 | 12.552 | VV | 11843  | 156656  | 2.21%  | 0.041% |
| 252 | 12.556 | 12.552 | 12.572 | VV | 8639   | 95274   | 1.35%  | 0.025% |
| 253 | 12.591 | 12.572 | 12.608 | VV | 18899  | 267953  | 3.79%  | 0.071% |
| 254 | 12.624 | 12.608 | 12.639 | VV | 8626   | 128262  | 1.81%  | 0.034% |
| 255 | 12.687 | 12.639 | 12.725 | VV | 116052 | 1830953 | 25.89% | 0.484% |
| 256 | 12.736 | 12.725 | 12.757 | VV | 13993  | 203278  | 2.87%  | 0.054% |
| 257 | 12.772 | 12.757 | 12.786 | VV | 10911  | 152433  | 2.16%  | 0.040% |
| 258 | 12.809 | 12.786 | 12.828 | VV | 14511  | 285016  | 4.03%  | 0.075% |
| 259 | 12.844 | 12.828 | 12.880 | VV | 19346  | 363661  | 5.14%  | 0.096% |
| 260 | 12.917 | 12.880 | 12.930 | VV | 14583  | 315653  | 4.46%  | 0.084% |
| 261 | 12.934 | 12.930 | 12.954 | VV | 12700  | 125340  | 1.77%  | 0.033% |
| 262 | 12.982 | 12.954 | 13.010 | VV | 22452  | 427415  | 6.04%  | 0.113% |
| 263 | 13.028 | 13.010 | 13.045 | VV | 24777  | 360250  | 5.09%  | 0.095% |
| 264 | 13.075 | 13.045 | 13.120 | VV | 292979 | 3720320 | 52.60% | 0.984% |
| 265 | 13.150 | 13.120 | 13.192 | VV | 364339 | 4400896 | 62.22% | 1.164% |
| 266 | 13.213 | 13.192 | 13.235 | VV | 7762   | 147276  | 2.08%  | 0.039% |
| 267 | 13.241 | 13.235 | 13.247 | VV | 3400   | 21530   | 0.30%  | 0.006% |
| 268 | 13.250 | 13.247 | 13.256 | VV | 3572   | 18121   | 0.26%  | 0.005% |
| 269 | 13.283 | 13.256 | 13.294 | VV | 10731  | 157140  | 2.22%  | 0.042% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 13.301 | 13.294 | 13.312 | VV | rteres<br>9650 | 93889   | 1.33%  | 0.025% |
| 271 | 13.332 | 13.312 | 13.347 | VV | 18814          | 305181  | 4.31%  | 0.081% |
| 272 | 13.356 | 13.347 | 13.385 | VV | 13062          | 219723  | 3.11%  | 0.058% |
| 273 | 13.397 | 13.385 | 13.416 | VV | 8679           | 98832   | 1.40%  | 0.026% |
| 274 | 13.451 | 13.416 | 13.486 | PV | 289195         | 3521553 | 49.79% | 0.932% |
| 275 | 13.503 | 13.486 | 13.517 | VV | 22029          | 295721  | 4.18%  | 0.078% |
| 276 | 13.534 | 13.517 | 13.555 | VV | 30422          | 403031  | 5.70%  | 0.107% |
| 277 | 13.578 | 13.555 | 13.605 | VV | 9888           | 192848  | 2.73%  | 0.051% |
| 278 | 13.625 | 13.605 | 13.639 | VV | 11658          | 152918  | 2.16%  | 0.040% |
| 279 | 13.653 | 13.639 | 13.668 | VV | 11096          | 133432  | 1.89%  | 0.035% |
| 280 | 13.690 | 13.668 | 13.711 | VV | 71442          | 906950  | 12.82% | 0.240% |
| 281 | 13.715 | 13.711 | 13.741 | VV | 17950          | 237358  | 3.36%  | 0.063% |
| 282 | 13.757 | 13.741 | 13.774 | VV | 14979          | 241849  | 3.42%  | 0.064% |
| 283 | 13.780 | 13.774 | 13.828 | VV | 14220          | 229746  | 3.25%  | 0.061% |
| 284 | 13.848 | 13.828 | 13.863 | PV | 9825           | 119647  | 1.69%  | 0.032% |
| 285 | 13.866 | 13.863 | 13.887 | VV | 6772           | 62671   | 0.89%  | 0.017% |
| 286 | 13.922 | 13.887 | 13.950 | VV | 36035          | 601605  | 8.51%  | 0.159% |
| 287 | 13.955 | 13.950 | 13.987 | VV | 6127           | 116210  | 1.64%  | 0.031% |
| 288 | 14.040 | 13.987 | 14.066 | VV | 32840          | 611790  | 8.65%  | 0.162% |
| 289 | 14.071 | 14.066 | 14.093 | VV | 6427           | 87575   | 1.24%  | 0.023% |
| 290 | 14.117 | 14.093 | 14.131 | VV | 8554           | 150809  | 2.13%  | 0.040% |
| 291 | 14.150 | 14.131 | 14.169 | VV | 17258          | 248632  | 3.52%  | 0.066% |
| 292 | 14.191 | 14.169 | 14.213 | VV | 22838          | 332580  | 4.70%  | 0.088% |
| 293 | 14.231 | 14.213 | 14.252 | VV | 9495           | 154664  | 2.19%  | 0.041% |
| 294 | 14.283 | 14.252 | 14.308 | VV | 219526         | 2829089 | 40.00% | 0.748% |
| 295 | 14.321 | 14.308 | 14.344 | VV | 23493          | 325126  | 4.60%  | 0.086% |
| 296 | 14.363 | 14.344 | 14.387 | VV | 20057          | 247915  | 3.51%  | 0.066% |
| 297 | 14.394 | 14.387 | 14.398 | VV | 2499           | 13567   | 0.19%  | 0.004% |
| 298 | 14.421 | 14.398 | 14.426 | VV | 4608           | 57433   | 0.81%  | 0.015% |
| 299 | 14.436 | 14.426 | 14.460 | VV | 5233           | 56364   | 0.80%  | 0.015% |
| 300 | 14.470 | 14.460 | 14.474 | VV | 1629           | 11270   | 0.16%  | 0.003% |
| 301 | 14.507 | 14.474 | 14.544 | VV | 9592           | 234503  | 3.32%  | 0.062% |
| 302 | 14.556 | 14.544 | 14.562 | VV | 3281           | 27391   | 0.39%  | 0.007% |
| 303 | 14.580 | 14.562 | 14.594 | VV | 3989           | 55901   | 0.79%  | 0.015% |
| 304 | 14.605 | 14.594 | 14.624 | VV | 3172           | 36987   | 0.52%  | 0.010% |
| 305 | 14.647 | 14.624 | 14.661 | PV | 4544           | 62319   | 0.88%  | 0.016% |
| 306 | 14.674 | 14.661 | 14.677 | VV | 5958           | 44900   | 0.63%  | 0.012% |
| 307 | 14.682 | 14.677 | 14.690 | VV | 5605           | 36274   | 0.51%  | 0.010% |
| 308 | 14.716 | 14.690 | 14.733 | VV | 6571           | 125144  | 1.77%  | 0.033% |
| 309 | 14.784 | 14.733 | 14.827 | VV | 31853          | 705098  | 9.97%  | 0.187% |
| 310 | 14.850 | 14.827 | 14.872 | VV | 33988          | 438384  | 6.20%  | 0.116% |
| 311 | 14.964 | 14.933 | 15.007 | VV | 25090          | 519148  | 7.34%  | 0.137% |
| 312 | 15.030 | 15.007 | 15.050 | VV | 35278          | 477857  | 6.76%  | 0.126% |
| 313 | 15.073 | 15.050 | 15.078 | VV | 12728          | 146990  | 2.08%  | 0.039% |
| 314 | 15.094 | 15.078 | 15.137 | VV | 26486          | 405062  | 5.73%  | 0.107% |
| 315 | 15.156 | 15.137 | 15.164 | VV | 6763           | 83771   | 1.18%  | 0.022% |
| 316 | 15.190 | 15.164 | 15.262 | VV | 76937          | 1250203 | 17.68% | 0.331% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 317 | 15.298 | 15.262 | 15.317 | PV | 13198  | 203615  | 2.88%  | 0.054% |
| 318 | 15.346 | 15.317 | 15.366 | VV | 141972 | 1880655 | 26.59% | 0.498% |
| 319 | 15.391 | 15.366 | 15.425 | VV | 266336 | 3900757 | 55.15% | 1.032% |
| 320 | 15.440 | 15.425 | 15.464 | VV | 9388   | 141757  | 2.00%  | 0.038% |
| 321 | 15.507 | 15.464 | 15.566 | VV | 25600  | 724080  | 10.24% | 0.192% |
| 322 | 15.590 | 15.566 | 15.621 | VV | 13301  | 234610  | 3.32%  | 0.062% |
| 323 | 15.652 | 15.621 | 15.679 | VV | 18474  | 341196  | 4.82%  | 0.090% |
| 324 | 15.688 | 15.679 | 15.706 | VV | 12001  | 150277  | 2.12%  | 0.040% |
| 325 | 15.716 | 15.706 | 15.721 | VV | 9356   | 75024   | 1.06%  | 0.020% |
| 326 | 15.729 | 15.721 | 15.752 | VV | 9729   | 133048  | 1.88%  | 0.035% |
| 327 | 15.781 | 15.752 | 15.817 | VV | 46968  | 841190  | 11.89% | 0.223% |
| 328 | 15.831 | 15.817 | 15.857 | VV | 10976  | 185722  | 2.63%  | 0.049% |
| 329 | 15.864 | 15.857 | 15.880 | VV | 3730   | 42551   | 0.60%  | 0.011% |
| 330 | 15.919 | 15.880 | 15.934 | VV | 17981  | 326767  | 4.62%  | 0.086% |
| 331 | 15.938 | 15.934 | 15.962 | VV | 15157  | 160506  | 2.27%  | 0.042% |
| 332 | 15.982 | 15.962 | 15.995 | VV | 7663   | 126501  | 1.79%  | 0.033% |
| 333 | 16.023 | 15.995 | 16.045 | VV | 31165  | 449856  | 6.36%  | 0.119% |
| 334 | 16.065 | 16.045 | 16.095 | VV | 18946  | 251835  | 3.56%  | 0.067% |
| 335 | 16.099 | 16.095 | 16.103 | VV | 2285   | 7705    | 0.11%  | 0.002% |
| 336 | 16.109 | 16.103 | 16.114 | VV | 2065   | 8186    | 0.12%  | 0.002% |
| 337 | 16.261 | 16.214 | 16.282 | VV | 9835   | 204396  | 2.89%  | 0.054% |
| 338 | 16.315 | 16.282 | 16.331 | VV | 4592   | 86797   | 1.23%  | 0.023% |
| 339 | 16.354 | 16.331 | 16.369 | VV | 10931  | 140469  | 1.99%  | 0.037% |
| 340 | 16.427 | 16.369 | 16.453 | VV | 159864 | 2326868 | 32.90% | 0.616% |
| 341 | 16.462 | 16.453 | 16.493 | VV | 15284  | 215086  | 3.04%  | 0.057% |
| 342 | 16.498 | 16.493 | 16.515 | VV | 6716   | 54498   | 0.77%  | 0.014% |
| 343 | 16.525 | 16.515 | 16.552 | VV | 5598   | 72693   | 1.03%  | 0.019% |
| 344 | 16.556 | 16.552 | 16.566 | PV | 3149   | 23873   | 0.34%  | 0.006% |
| 345 | 16.576 | 16.566 | 16.584 | VV | 3662   | 22586   | 0.32%  | 0.006% |
| 346 | 16.624 | 16.584 | 16.632 | VV | 16029  | 229979  | 3.25%  | 0.061% |
| 347 | 16.644 | 16.632 | 16.686 | VV | 15336  | 328886  | 4.65%  | 0.087% |
| 348 | 16.705 | 16.686 | 16.721 | VV | 15152  | 237676  | 3.36%  | 0.063% |
| 349 | 16.735 | 16.721 | 16.755 | VV | 18223  | 302726  | 4.28%  | 0.080% |
| 350 | 16.771 | 16.755 | 16.781 | VV | 13229  | 179887  | 2.54%  | 0.048% |
| 351 | 16.803 | 16.781 | 16.816 | VV | 16091  | 271056  | 3.83%  | 0.072% |
| 352 | 16.832 | 16.816 | 16.853 | VV | 21966  | 371918  | 5.26%  | 0.098% |
| 353 | 16.857 | 16.853 | 16.881 | VV | 12971  | 164929  | 2.33%  | 0.044% |
| 354 | 16.924 | 16.881 | 16.943 | VV | 178982 | 2823974 | 39.93% | 0.747% |
| 355 | 16.950 | 16.943 | 16.986 | VV | 74786  | 868488  | 12.28% | 0.230% |
| 356 | 17.056 | 16.986 | 17.076 | VV | 42243  | 991315  | 14.02% | 0.262% |
| 357 | 17.084 | 17.076 | 17.098 | VV | 18915  | 221025  | 3.13%  | 0.058% |
| 358 | 17.140 | 17.098 | 17.161 | VV | 19763  | 567822  | 8.03%  | 0.150% |
| 359 | 17.180 | 17.161 | 17.187 | VV | 19845  | 221468  | 3.13%  | 0.059% |
| 360 | 17.218 | 17.187 | 17.229 | VV | 47525  | 726859  | 10.28% | 0.192% |
| 361 | 17.250 | 17.229 | 17.280 | VV | 114775 | 1798666 | 25.43% | 0.476% |
| 362 | 17.309 | 17.280 | 17.344 | VV | 123660 | 1978252 | 27.97% | 0.523% |
| 363 | 17.386 | 17.344 | 17.405 | VV | 171904 | 2741283 | 38.76% | 0.725% |
| 364 | 17.411 | 17.405 | 17.440 | VV | 70934  | 927548  | 13.11% | 0.245% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 365 | 17.459 | 17.440 | 17.480 | VV | rteres<br>30456 | 543006  | 7.68%  | 0.144% |
| 366 | 17.501 | 17.480 | 17.506 | VV | 24251           | 329983  | 4.67%  | 0.087% |
| 367 | 17.514 | 17.506 | 17.531 | VV | 26990           | 347870  | 4.92%  | 0.092% |
| 368 | 17.603 | 17.587 | 17.614 | VV | 32917           | 488558  | 6.91%  | 0.129% |
| 369 | 17.618 | 17.614 | 17.625 | VV | 31167           | 187003  | 2.64%  | 0.049% |
| 370 | 17.643 | 17.625 | 17.661 | VV | 38311           | 706883  | 9.99%  | 0.187% |
| 371 | 17.673 | 17.661 | 17.680 | VV | 34339           | 368524  | 5.21%  | 0.097% |
| 372 | 17.688 | 17.680 | 17.697 | VV | 33237           | 316176  | 4.47%  | 0.084% |
| 373 | 17.719 | 17.697 | 17.740 | VV | 46662           | 986760  | 13.95% | 0.261% |
| 374 | 17.758 | 17.740 | 17.763 | VV | 33724           | 424353  | 6.00%  | 0.112% |
| 375 | 17.818 | 17.792 | 17.860 | VV | 55432           | 1699509 | 24.03% | 0.450% |
| 376 | 17.863 | 17.860 | 17.866 | VV | 29151           | 102742  | 1.45%  | 0.027% |
| 377 | 17.900 | 17.866 | 17.904 | VV | 35186           | 757704  | 10.71% | 0.200% |
| 378 | 17.911 | 17.904 | 17.915 | VV | 34251           | 214038  | 3.03%  | 0.057% |
| 379 | 17.928 | 17.915 | 17.944 | VV | 40561           | 593635  | 8.39%  | 0.157% |
| 380 | 17.968 | 17.944 | 18.001 | VV | 56969           | 1376167 | 19.46% | 0.364% |
| 381 | 18.025 | 18.001 | 18.048 | VV | 47309           | 1133941 | 16.03% | 0.300% |
| 382 | 18.063 | 18.048 | 18.082 | VV | 43305           | 748046  | 10.58% | 0.198% |
| 383 | 18.111 | 18.082 | 18.115 | VV | 41414           | 728407  | 10.30% | 0.193% |
| 384 | 18.123 | 18.115 | 18.145 | VV | 46191           | 722781  | 10.22% | 0.191% |
| 385 | 18.173 | 18.145 | 18.177 | VV | 45247           | 782407  | 11.06% | 0.207% |
| 386 | 18.189 | 18.177 | 18.193 | VV | 48981           | 446226  | 6.31%  | 0.118% |
| 387 | 18.200 | 18.193 | 18.222 | VV | 53811           | 834995  | 11.81% | 0.221% |
| 388 | 18.230 | 18.222 | 18.234 | VV | 46161           | 317323  | 4.49%  | 0.084% |
| 389 | 18.239 | 18.234 | 18.246 | VV | 48448           | 343838  | 4.86%  | 0.091% |
| 390 | 18.282 | 18.246 | 18.324 | VV | 204147          | 4465011 | 63.13% | 1.181% |
| 391 | 18.345 | 18.324 | 18.361 | VV | 57082           | 1012385 | 14.31% | 0.268% |
| 392 | 18.372 | 18.361 | 18.379 | VV | 48723           | 480856  | 6.80%  | 0.127% |
| 393 | 18.385 | 18.379 | 18.392 | VV | 50096           | 370769  | 5.24%  | 0.098% |
| 394 | 18.443 | 18.392 | 18.458 | VV | 107650          | 2741626 | 38.76% | 0.725% |
| 395 | 18.462 | 18.458 | 18.474 | VV | 72152           | 649523  | 9.18%  | 0.172% |
| 396 | 18.479 | 18.474 | 18.514 | VV | 70647           | 1365598 | 19.31% | 0.361% |
| 397 | 18.519 | 18.514 | 18.528 | VV | 51518           | 391915  | 5.54%  | 0.104% |
| 398 | 18.536 | 18.528 | 18.542 | VV | 51015           | 375462  | 5.31%  | 0.099% |
| 399 | 18.549 | 18.542 | 18.560 | VV | 53509           | 534969  | 7.56%  | 0.142% |
| 400 | 18.608 | 18.560 | 18.628 | VV | 76899           | 2478753 | 35.05% | 0.656% |
| 401 | 18.640 | 18.628 | 18.667 | VV | 80393           | 1643912 | 23.24% | 0.435% |
| 402 | 18.672 | 18.667 | 18.677 | VV | 60859           | 369286  | 5.22%  | 0.098% |
| 403 | 18.732 | 18.728 | 18.735 | VV | 61343           | 232881  | 3.29%  | 0.062% |
| 404 | 18.744 | 18.735 | 18.753 | VV | 69636           | 707359  | 10.00% | 0.187% |
| 405 | 18.758 | 18.753 | 18.763 | VV | 62828           | 355017  | 5.02%  | 0.094% |
| 406 | 18.780 | 18.763 | 18.793 | VV | 72650           | 1196413 | 16.92% | 0.316% |
| 407 | 18.816 | 18.793 | 18.854 | VV | 121046          | 3288100 | 46.49% | 0.870% |
| 408 | 18.858 | 18.854 | 18.864 | VV | 73620           | 420897  | 5.95%  | 0.111% |
| 409 | 18.868 | 18.864 | 18.911 | VV | 72607           | 1836718 | 25.97% | 0.486% |
| 410 | 18.963 | 18.911 | 18.987 | VV | 166558          | 4256735 | 60.19% | 1.126% |
| 411 | 18.994 | 18.987 | 19.005 | VV | 68884           | 746487  | 10.55% | 0.197% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 412 | 19.013 | 19.005 | 19.019 | VV | 68394  | 512676  | 7.25%  | 0.136% |
| 413 | 19.028 | 19.019 | 19.035 | VV | 69935  | 656040  | 9.28%  | 0.174% |
| 414 | 19.041 | 19.035 | 19.044 | VV | 67331  | 329372  | 4.66%  | 0.087% |
| 415 | 19.048 | 19.044 | 19.055 | VV | 69674  | 446408  | 6.31%  | 0.118% |
| 416 | 19.123 | 19.055 | 19.157 | VV | 212938 | 6588781 | 93.16% | 1.743% |
| 417 | 19.162 | 19.157 | 19.174 | VV | 66833  | 648074  | 9.16%  | 0.171% |
| 418 | 19.193 | 19.174 | 19.202 | VV | 73999  | 1121225 | 15.85% | 0.297% |
| 419 | 19.237 | 19.202 | 19.260 | VV | 105989 | 2961592 | 41.87% | 0.783% |
| 420 | 19.287 | 19.260 | 19.310 | VV | 112042 | 2735595 | 38.68% | 0.724% |
| 421 | 19.314 | 19.310 | 19.324 | VV | 87560  | 665691  | 9.41%  | 0.176% |
| 422 | 19.331 | 19.324 | 19.340 | VV | 86465  | 773396  | 10.93% | 0.205% |
| 423 | 19.350 | 19.340 | 19.359 | VV | 81787  | 893216  | 12.63% | 0.236% |
| 424 | 19.383 | 19.359 | 19.387 | VV | 88156  | 1359781 | 19.23% | 0.360% |
| 425 | 19.401 | 19.387 | 19.407 | VV | 99325  | 1143150 | 16.16% | 0.302% |
| 426 | 19.421 | 19.407 | 19.447 | VV | 102650 | 2270218 | 32.10% | 0.601% |
| 427 | 19.485 | 19.447 | 19.497 | VV | 114462 | 3051301 | 43.14% | 0.807% |
| 428 | 19.502 | 19.497 | 19.509 | VV | 110417 | 740571  | 10.47% | 0.196% |
| 429 | 19.529 | 19.509 | 19.544 | VV | 112800 | 2225852 | 31.47% | 0.589% |
| 430 | 19.548 | 19.544 | 19.554 | VV | 105069 | 611422  | 8.64%  | 0.162% |
| 431 | 19.567 | 19.554 | 19.609 | VV | 123284 | 3509542 | 49.62% | 0.928% |
| 432 | 19.643 | 19.609 | 19.649 | VV | 118882 | 2526871 | 35.73% | 0.668% |
| 433 | 19.694 | 19.690 | 19.704 | VV | 103414 | 794458  | 11.23% | 0.210% |
| 434 | 19.730 | 19.704 | 19.736 | VV | 106142 | 1939383 | 27.42% | 0.513% |
| 435 | 19.744 | 19.736 | 19.750 | VV | 106355 | 851910  | 12.04% | 0.225% |
| 436 | 19.756 | 19.750 | 19.759 | VV | 104426 | 519151  | 7.34%  | 0.137% |
| 437 | 19.762 | 19.759 | 19.780 | VV | 105270 | 1332365 | 18.84% | 0.352% |
| 438 | 19.784 | 19.780 | 19.795 | VV | 110340 | 914646  | 12.93% | 0.242% |
| 439 | 19.811 | 19.795 | 19.820 | VV | 116694 | 1618579 | 22.88% | 0.428% |
| 440 | 19.832 | 19.820 | 19.845 | VV | 121451 | 1765045 | 24.96% | 0.467% |
| 441 | 19.955 | 19.940 | 19.983 | VV | 143110 | 3372985 | 47.69% | 0.892% |
| 442 | 19.990 | 19.983 | 19.995 | VV | 126712 | 895789  | 12.67% | 0.237% |
| 443 | 20.000 | 19.995 | 20.005 | VV | 124378 | 690136  | 9.76%  | 0.183% |
| 444 | 20.017 | 20.005 | 20.021 | VV | 134763 | 1234069 | 17.45% | 0.326% |
| 445 | 20.076 | 20.070 | 20.081 | VV | 133047 | 801895  | 11.34% | 0.212% |
| 446 | 20.134 | 20.101 | 20.139 | VV | 168314 | 3480683 | 49.21% | 0.921% |
| 447 | 20.142 | 20.139 | 20.160 | VV | 165385 | 2055817 | 29.07% | 0.544% |
| 448 | 20.166 | 20.160 | 20.171 | VV | 156594 | 989428  | 13.99% | 0.262% |
| 449 | 20.263 | 20.243 | 20.270 | VV | 188842 | 2698772 | 38.16% | 0.714% |
| 450 | 20.283 | 20.270 | 20.321 | VV | 196736 | 5381489 | 76.09% | 1.424% |
| 451 | 20.325 | 20.321 | 20.330 | VV | 164423 | 895282  | 12.66% | 0.237% |
| 452 | 20.360 | 20.347 | 20.366 | VV | 170304 | 1939695 | 27.42% | 0.513% |
| 453 | 20.369 | 20.366 | 20.377 | VV | 154755 | 971011  | 13.73% | 0.257% |
| 454 | 20.382 | 20.377 | 20.387 | VV | 163915 | 924017  | 13.06% | 0.244% |
| 455 | 20.392 | 20.387 | 20.404 | VV | 156154 | 1541194 | 21.79% | 0.408% |
| 456 | 20.408 | 20.404 | 20.427 | VV | 166297 | 2224646 | 31.45% | 0.589% |
| 457 | 20.440 | 20.427 | 20.445 | VV | 166470 | 1771731 | 25.05% | 0.469% |
| 458 | 20.460 | 20.445 | 20.475 | VV | 184029 | 3158590 | 44.66% | 0.836% |
| 459 | 20.556 | 20.548 | 20.560 | VV | 193924 | 1343384 | 18.99% | 0.355% |

|     |        |        |        |    |                  |         |         |        |
|-----|--------|--------|--------|----|------------------|---------|---------|--------|
| 460 | 20.588 | 20.560 | 20.599 | VV | rteres<br>214778 | 4691104 | 66.33%  | 1.241% |
| 461 | 20.602 | 20.599 | 20.607 | VV | 207785           | 1017269 | 14.38%  | 0.269% |
| 462 | 20.614 | 20.607 | 20.625 | VV | 201961           | 2165836 | 30.62%  | 0.573% |
| 463 | 20.632 | 20.625 | 20.641 | VV | 202475           | 1848000 | 26.13%  | 0.489% |
| 464 | 20.661 | 20.641 | 20.691 | VV | 295963           | 7072749 | 100.00% | 1.871% |
| 465 | 20.695 | 20.691 | 20.729 | VV | 192481           | 4269475 | 60.37%  | 1.129% |
| 466 | 20.743 | 20.729 | 20.762 | VV | 207092           | 3900026 | 55.14%  | 1.032% |
| 467 | 20.765 | 20.762 | 20.778 | VV | 192866           | 1785317 | 25.24%  | 0.472% |
| 468 | 20.784 | 20.778 | 20.790 | VV | 185785           | 1339063 | 18.93%  | 0.354% |
| 469 | 20.819 | 20.790 | 20.839 | VV | 193573           | 5394441 | 76.27%  | 1.427% |
| 470 | 20.880 | 20.865 | 20.885 | VV | 196778           | 2246919 | 31.77%  | 0.594% |
| 471 | 20.912 | 20.907 | 20.916 | VV | 187816           | 985983  | 13.94%  | 0.261% |
| 472 | 20.983 | 20.975 | 20.994 | VV | 173613           | 1898864 | 26.85%  | 0.502% |
| 473 | 21.031 | 20.994 | 21.035 | VV | 178119           | 4030246 | 56.98%  | 1.066% |
| 474 | 21.040 | 21.035 | 21.047 | VV | 170713           | 1138909 | 16.10%  | 0.301% |
| 475 | 21.052 | 21.047 | 21.056 | VV | 160925           | 836127  | 11.82%  | 0.221% |
| 476 | 21.059 | 21.056 | 21.072 | VV | 159754           | 1462162 | 20.67%  | 0.387% |
| 477 | 21.079 | 21.072 | 21.094 | VV | 154243           | 1965273 | 27.79%  | 0.520% |
| 478 | 21.106 | 21.094 | 21.110 | VV | 156908           | 1453069 | 20.54%  | 0.384% |
| 479 | 21.115 | 21.110 | 21.121 | VV | 157107           | 945379  | 13.37%  | 0.250% |
| 480 | 21.140 | 21.121 | 21.152 | VV | 166866           | 2915090 | 41.22%  | 0.771% |
| 481 | 21.157 | 21.152 | 21.170 | VV | 163914           | 1663208 | 23.52%  | 0.440% |
| 482 | 21.176 | 21.170 | 21.182 | VV | 160175           | 1145805 | 16.20%  | 0.303% |
| 483 | 21.196 | 21.194 | 21.232 | VV | 166256           | 3573387 | 50.52%  | 0.945% |
| 484 | 21.235 | 21.232 | 21.260 | VV | 151438           | 2382478 | 33.69%  | 0.630% |
| 485 | 21.266 | 21.260 | 21.271 | VV | 151145           | 923269  | 13.05%  | 0.244% |
| 486 | 21.275 | 21.271 | 21.282 | VV | 157797           | 1009807 | 14.28%  | 0.267% |
| 487 | 21.290 | 21.282 | 21.295 | VV | 150305           | 1188201 | 16.80%  | 0.314% |
| 488 | 21.301 | 21.295 | 21.317 | VV | 149634           | 1875662 | 26.52%  | 0.496% |
| 489 | 21.323 | 21.317 | 21.334 | VV | 151130           | 1499293 | 21.20%  | 0.397% |
| 490 | 21.340 | 21.334 | 21.365 | VV | 155894           | 2575808 | 36.42%  | 0.681% |
| 491 | 21.370 | 21.365 | 21.375 | VV | 134584           | 774472  | 10.95%  | 0.205% |
| 492 | 21.378 | 21.375 | 21.390 | VV | 134376           | 1135437 | 16.05%  | 0.300% |
| 493 | 21.403 | 21.390 | 21.421 | VV | 129047           | 2143483 | 30.31%  | 0.567% |
| 494 | 21.459 | 21.421 | 21.489 | VV | 188636           | 5962556 | 84.30%  | 1.577% |
| 495 | 21.495 | 21.489 | 21.519 | VV | 116510           | 1955224 | 27.64%  | 0.517% |
| 496 | 21.579 | 21.567 | 21.590 | VV | 111367           | 1463575 | 20.69%  | 0.387% |
| 497 | 21.597 | 21.590 | 21.611 | VV | 115047           | 1327300 | 18.77%  | 0.351% |
| 498 | 21.615 | 21.611 | 21.630 | VV | 111573           | 1244535 | 17.60%  | 0.329% |
| 499 | 21.652 | 21.630 | 21.658 | VV | 112358           | 1743973 | 24.66%  | 0.461% |
| 500 | 21.667 | 21.658 | 21.700 | VV | 108623           | 2424347 | 34.28%  | 0.641% |
| 501 | 21.721 | 21.700 | 21.749 | VV | 100410           | 2656664 | 37.56%  | 0.703% |
| 502 | 21.751 | 21.749 | 21.757 | VV | 91417            | 443009  | 6.26%   | 0.117% |
| 503 | 21.762 | 21.757 | 21.767 | VV | 85989            | 483773  | 6.84%   | 0.128% |
| 504 | 21.771 | 21.767 | 21.802 | VV | 94203            | 1690981 | 23.91%  | 0.447% |
| 505 | 21.812 | 21.802 | 21.829 | VV | 83016            | 1214029 | 17.16%  | 0.321% |
| 506 | 21.834 | 21.829 | 21.839 | VV | 76706            | 466973  | 6.60%   | 0.124% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     | rteres                  |           |        |        |
| 507 | 21.850 | 21.839 | 21.882 | VV  | 77379                   | 1795016   | 25.38% | 0.475% |
| 508 | 21.887 | 21.882 | 21.891 | VV  | 65339                   | 317116    | 4.48%  | 0.084% |
| 509 | 21.894 | 21.891 | 21.898 | VV  | 66140                   | 301748    | 4.27%  | 0.080% |
| 510 | 21.914 | 21.898 | 21.955 | VV  | 78244                   | 2378063   | 33.62% | 0.629% |
| 511 | 21.960 | 21.955 | 21.967 | VV  | 63745                   | 398459    | 5.63%  | 0.105% |
| 512 | 21.981 | 21.967 | 21.991 | VV  | 56578                   | 743290    | 10.51% | 0.197% |
| 513 | 21.995 | 21.991 | 22.007 | VV  | 51877                   | 466834    | 6.60%  | 0.123% |
| 514 | 22.074 | 22.052 | 22.095 | VV  | 56821                   | 1292107   | 18.27% | 0.342% |
| 515 | 22.102 | 22.095 | 22.109 | VV  | 51405                   | 381820    | 5.40%  | 0.101% |
| 516 | 22.111 | 22.109 | 22.125 | VV  | 48272                   | 439694    | 6.22%  | 0.116% |
| 517 | 22.139 | 22.125 | 22.144 | VV  | 47144                   | 511421    | 7.23%  | 0.135% |
| 518 | 22.156 | 22.144 | 22.176 | VV  | 48076                   | 792381    | 11.20% | 0.210% |
| 519 | 22.181 | 22.176 | 22.217 | VV  | 40477                   | 844624    | 11.94% | 0.223% |
| 520 | 22.222 | 22.217 | 22.257 | VV  | 37657                   | 696231    | 9.84%  | 0.184% |
| 521 | 22.261 | 22.257 | 22.293 | VV  | 25957                   | 510155    | 7.21%  | 0.135% |
| 522 | 22.305 | 22.293 | 22.323 | VV  | 24643                   | 283749    | 4.01%  | 0.075% |
| 523 | 22.333 | 22.323 | 22.354 | VV  | 15081                   | 211050    | 2.98%  | 0.056% |
| 524 | 22.361 | 22.354 | 22.376 | VV  | 12544                   | 119603    | 1.69%  | 0.032% |
| 525 | 22.382 | 22.376 | 22.396 | VV  | 11612                   | 76085     | 1.08%  | 0.020% |
| 526 | 22.401 | 22.396 | 22.415 | PV  | 5717                    | 45185     | 0.64%  | 0.012% |
| 527 | 22.422 | 22.415 | 22.443 | VV  | 6572                    | 45903     | 0.65%  | 0.012% |
| 528 | 22.475 | 22.443 | 22.500 | PBA | 49314                   | 1076282   | 15.22% | 0.285% |
|     |        |        |        |     | Sum of corrected areas: | 378015516 |        |        |

FG080525.M Fri Sep 05 05:13:19 2025

### Manual Integration Report

| Sample ID    | ClientId ID | File ID    | Sequence ID | Parameter      | Supervised By | Supervised On       | Reason                                  |
|--------------|-------------|------------|-------------|----------------|---------------|---------------------|-----------------------------------------|
| 100 TRPH STD |             | FG016345.D | FG080525    | N-TETRACONTANE | mohammad      | 8/7/2025 1:28:09 AM | Peak Integrated by Software incorrectly |
|              |             |            |             |                |               |                     |                                         |

## Manual Integration Report

| Sample ID       | ClientID ID | File ID    | Sequence ID | Parameter                | Supervised By | Supervised On | Reason                                  |
|-----------------|-------------|------------|-------------|--------------------------|---------------|---------------|-----------------------------------------|
| .BLK            |             | FG016538.D | FG090425    | TETRACOSANE-d50 (SURROGA | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016539.D | FG090425    | N-HEXATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016539.D | FG090425    | N-OCTATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016539.D | FG090425    | TETRACOSANE-d50 (SURROGA | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| RT MARKER       |             | FG016540.D | FG090425    | N-OCTACOSANE             | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01        |             | FG016541.D | FG090425    | TETRACOSANE-d50 (SURROGA | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01        |             | FG016544.D | FG090425    | TETRACOSANE-d50 (SURROGA | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016546.D | FG090425    | N-HEXATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016546.D | FG090425    | N-OCTATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |             | FG016546.D | FG090425    | N-TETRACONTANE           | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| PB169544BS      |             | FG016548.D | FG090425    | N-DOTRIACONTANE          | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| PB169544BS      |             | FG016548.D | FG090425    | N-HEXATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| PB169544BS      |             | FG016548.D | FG090425    | N-OCTATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| PB169544BS      |             | FG016548.D | FG090425    | N-TRIACONTANE            | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-DODECANE               | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-DOTRIACONTANE          | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-HEXACOSANE             | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-HEXADECANE             | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-HEXATRIACONTANE        | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-OCTADECANE             | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-TETRACONTANE           | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
| Q2998-01MS      |             | FG016549.D | FG090425    | N-TETRADECANE            | &nbsp;        | &nbsp;        | Peak Integrated by Software incorrectly |
|                 |             |            |             |                          |               |               |                                         |

### Manual Integration Report

|                 |  |            |          |                          |        |        |                                         |
|-----------------|--|------------|----------|--------------------------|--------|--------|-----------------------------------------|
| Q2998-01MS      |  | FG016549.D | FG090425 | N-TRIACONTANE            | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MS      |  | FG016549.D | FG090425 | TETRACOSANE-d50 (SURROGA | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-DODECANE               | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-DOTRIACONTANE          | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-HEXACOSANE             | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-HEXADECANE             | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-OCTADECANE             | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-OCTATRIACONTANE        | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-TETRACONTANE           | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| Q2998-01MSD     |  | FG016550.D | FG090425 | N-TETRADECANE            | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| .BLK            |  | FG016551.D | FG090425 | TETRACOSANE-d50 (SURROGA | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-DOTRIACONTANE          | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-HEXACOSANE             | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-HEXATRIACONTANE        | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-OCTACOSANE             | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-OCTATRIACONTANE        | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
| 50 PPM TRPH STD |  | FG016552.D | FG090425 | N-TETRACONTANE           | &nbsp; | &nbsp; | Peak Integrated by Software incorrectly |
|                 |  |            |          |                          |        |        |                                         |

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG080525**

|                                                                                                    |                                         |                   |                               |
|----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|-------------------------------|
| Review By                                                                                          | yogesh                                  | Review On         | 8/5/2025 1:54:47 PM           |
| Supervise By                                                                                       | mohammad                                | Supervise On      | 8/7/2025 1:28:09 AM           |
| SubDirectory                                                                                       | FG080525                                | HP Acquire Method | HP Processing Method FG080525 |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24467,PP24469,PP24470,PP24471,PP24472 |                   |                               |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24468,PP24473                         |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | MECL2        | FG016343.D     | 05 Aug 2025 09:42 | YP\AJ    | Ok     |
| 2   | I.BLK        | FG016344.D     | 05 Aug 2025 10:12 | YP\AJ    | Ok     |
| 3   | 100 TRPH STD | FG016345.D     | 05 Aug 2025 10:41 | YP\AJ    | Ok,M   |
| 4   | 50 TRPH STD  | FG016346.D     | 05 Aug 2025 11:11 | YP\AJ    | Ok     |
| 5   | 20 TRPH STD  | FG016347.D     | 05 Aug 2025 11:40 | YP\AJ    | Ok     |
| 6   | 10 TRPH STD  | FG016348.D     | 05 Aug 2025 12:10 | YP\AJ    | Ok     |
| 7   | 5 TRPH STD   | FG016349.D     | 05 Aug 2025 12:39 | YP\AJ    | Ok     |
| 8   | FG080525ICV  | FG016350.D     | 05 Aug 2025 13:24 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG090425**

|                                                                    |                                         |                   |                               |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|-------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 9/4/2025 10:42:37 AM          |
| Supervise By                                                       |                                         | Supervise On      |                               |
| SubDirectory                                                       | FG090425                                | HP Acquire Method | HP Processing Method FG080525 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24467,PP24469,PP24470,PP24471,PP24472 |                   |                               |
| CCC<br>Internal Standard/PEM                                       | PP24469                                 |                   |                               |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24468,PP24473                         |                   |                               |

| Sr# | SampleId        | Data File Name | Date-Time         | Operator | Status   |
|-----|-----------------|----------------|-------------------|----------|----------|
| 1   | MECL2           | FG016537.D     | 04 Sep 2025 07:40 | YP\AJ    | Ok       |
| 2   | I.BLK           | FG016538.D     | 04 Sep 2025 09:39 | YP\AJ    | Ok,NS    |
| 3   | 50 PPM TRPH STD | FG016539.D     | 04 Sep 2025 10:08 | YP\AJ    | Ok,NS    |
| 4   | RT MARKER       | FG016540.D     | 04 Sep 2025 11:17 | YP\AJ    | Ok,NS    |
| 5   | Q2998-01        | FG016541.D     | 04 Sep 2025 11:48 | YP\AJ    | Dilution |
| 6   | Q3011-01        | FG016542.D     | 04 Sep 2025 12:18 | YP\AJ    | Ok       |
| 7   | Q3012-01        | FG016543.D     | 04 Sep 2025 12:48 | YP\AJ    | Ok       |
| 8   | Q2998-01        | FG016544.D     | 04 Sep 2025 13:17 | YP\AJ    | Ok,NS    |
| 9   | I.BLK           | FG016545.D     | 04 Sep 2025 14:16 | YP\AJ    | Ok       |
| 10  | 50 PPM TRPH STD | FG016546.D     | 04 Sep 2025 14:46 | YP\AJ    | Ok,NS    |
| 11  | PB169544BL      | FG016547.D     | 04 Sep 2025 15:16 | YP\AJ    | Ok       |
| 12  | PB169544BS      | FG016548.D     | 04 Sep 2025 15:45 | YP\AJ    | Ok,NS    |
| 13  | Q2998-01MS      | FG016549.D     | 04 Sep 2025 16:15 | YP\AJ    | Ok,NS    |
| 14  | Q2998-01MSD     | FG016550.D     | 04 Sep 2025 16:45 | YP\AJ    | Ok,NS    |
| 15  | I.BLK           | FG016551.D     | 04 Sep 2025 17:15 | YP\AJ    | Ok,NS    |
| 16  | 50 PPM TRPH STD | FG016552.D     | 04 Sep 2025 18:14 | YP\AJ    | Ok,NS    |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG080525**

|                                                                                                    |                                         |                   |                               |
|----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|-------------------------------|
| Review By                                                                                          | yogesh                                  | Review On         | 8/5/2025 1:54:47 PM           |
| Supervise By                                                                                       | mohammad                                | Supervise On      | 8/7/2025 1:28:09 AM           |
| SubDirectory                                                                                       | FG080525                                | HP Acquire Method | HP Processing Method FG080525 |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24467,PP24469,PP24470,PP24471,PP24472 |                   |                               |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24468,PP24473                         |                   |                               |

| Sr# | SampleID     | ClientID | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|--------------|----------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2        |          | FG016343.D     | 05 Aug 2025 09:42 |         | YP\AJ    | Ok     |
| 2   | I.BLK        |          | FG016344.D     | 05 Aug 2025 10:12 |         | YP\AJ    | Ok     |
| 3   | 100 TRPH STD |          | FG016345.D     | 05 Aug 2025 10:41 |         | YP\AJ    | Ok,M   |
| 4   | 50 TRPH STD  |          | FG016346.D     | 05 Aug 2025 11:11 |         | YP\AJ    | Ok     |
| 5   | 20 TRPH STD  |          | FG016347.D     | 05 Aug 2025 11:40 |         | YP\AJ    | Ok     |
| 6   | 10 TRPH STD  |          | FG016348.D     | 05 Aug 2025 12:10 |         | YP\AJ    | Ok     |
| 7   | 5 TRPH STD   |          | FG016349.D     | 05 Aug 2025 12:39 |         | YP\AJ    | Ok     |
| 8   | FG080525ICV  |          | FG016350.D     | 05 Aug 2025 13:24 |         | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG090425**

|                                         |                                         |                   |                               |
|-----------------------------------------|-----------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                  | Review On         | 9/4/2025 10:42:37 AM          |
| Supervise By                            |                                         | Supervise On      |                               |
| SubDirectory                            | FG090425                                | HP Acquire Method | HP Processing Method FG080525 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24467,PP24469,PP24470,PP24471,PP24472 |                   |                               |
| CCC                                     | PP24469                                 |                   |                               |
| Internal Standard/PEM                   |                                         |                   |                               |
| ICV/I.BLK                               | PP24468,PP24473                         |                   |                               |
| Surrogate Standard                      |                                         |                   |                               |
| MS/MSD Standard                         |                                         |                   |                               |
| LCS Standard                            |                                         |                   |                               |

| Sr# | SampleID        | ClientID | Data File Name | Date-Time         | Comment  | Operator | Status   |
|-----|-----------------|----------|----------------|-------------------|----------|----------|----------|
| 1   | MECL2           |          | FG016537.D     | 04 Sep 2025 07:40 |          | YPIAJ    | Ok       |
| 2   | I.BLK           |          | FG016538.D     | 04 Sep 2025 09:39 |          | YPIAJ    | Ok,NS    |
| 3   | 50 PPM TRPH STD |          | FG016539.D     | 04 Sep 2025 10:08 |          | YPIAJ    | Ok,NS    |
| 4   | RT MARKER       |          | FG016540.D     | 04 Sep 2025 11:17 |          | YPIAJ    | Ok,NS    |
| 5   | Q2998-01        |          | FG016541.D     | 04 Sep 2025 11:48 | Need 10X | YPIAJ    | Dilution |
| 6   | Q3011-01        |          | FG016542.D     | 04 Sep 2025 12:18 |          | YPIAJ    | Ok       |
| 7   | Q3012-01        |          | FG016543.D     | 04 Sep 2025 12:48 |          | YPIAJ    | Ok       |
| 8   | Q2998-01        |          | FG016544.D     | 04 Sep 2025 13:17 |          | YPIAJ    | Ok,NS    |
| 9   | I.BLK           |          | FG016545.D     | 04 Sep 2025 14:16 |          | YPIAJ    | Ok       |
| 10  | 50 PPM TRPH STD |          | FG016546.D     | 04 Sep 2025 14:46 |          | YPIAJ    | Ok,NS    |
| 11  | PB169544BL      |          | FG016547.D     | 04 Sep 2025 15:16 |          | YPIAJ    | Ok       |
| 12  | PB169544BS      |          | FG016548.D     | 04 Sep 2025 15:45 |          | YPIAJ    | Ok,NS    |
| 13  | Q2998-01MS      |          | FG016549.D     | 04 Sep 2025 16:15 |          | YPIAJ    | Ok,NS    |
| 14  | Q2998-01MSD     |          | FG016550.D     | 04 Sep 2025 16:45 |          | YPIAJ    | Ok,NS    |
| 15  | I.BLK           |          | FG016551.D     | 04 Sep 2025 17:15 |          | YPIAJ    | Ok,NS    |
| 16  | 50 PPM TRPH STD |          | FG016552.D     | 04 Sep 2025 18:14 |          | YPIAJ    | Ok,NS    |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: JIGNESH  
Date: 9/5/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 09/04/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:33  
Out Date: 09/05/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137064

| 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     |
|-----------|----------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|--------------|
| Q3011-01  | WASTE                      | 1      | 1.15           | 10.35        | 11.5                    | 10.87                     | 93.9    |              |
| Q3011-02  | VOC                        | 2      | 1.16           | 10.41        | 11.57                   | 10.9                      | 93.6    |              |
| Q3011-03  | 1                          | 3      | 1.16           | 10.43        | 11.59                   | 10.77                     | 92.1    |              |
| Q3011-04  | 2                          | 4      | 1.17           | 10.79        | 11.96                   | 10.8                      | 89.2    |              |
| Q3011-05  | 3                          | 5      | 1.15           | 10.33        | 11.48                   | 10.73                     | 92.7    |              |
| Q3011-06  | 4                          | 6      | 1.13           | 10.33        | 11.46                   | 10.79                     | 93.5    |              |
| Q3011-07  | 5                          | 7      | 1.19           | 10.43        | 11.62                   | 11.22                     | 96.2    |              |
| Q3011-08  | 6                          | 8      | 1.19           | 10.40        | 11.59                   | 10.81                     | 92.5    |              |
| Q3012-01  | WASTE                      | 9      | 1.16           | 10.78        | 11.94                   | 11.34                     | 94.4    |              |
| Q3012-02  | VOC                        | 10     | 1.14           | 10.82        | 11.96                   | 11.48                     | 95.6    |              |
| Q3012-03  | 1                          | 11     | 1.15           | 10.30        | 11.45                   | 10.86                     | 94.3    |              |
| Q3012-04  | 2                          | 12     | 1.17           | 10.77        | 11.94                   | 11.22                     | 93.3    |              |
| Q3012-05  | 3                          | 13     | 1.15           | 10.81        | 11.96                   | 11.31                     | 94.0    |              |
| Q3012-06  | 4                          | 14     | 1.16           | 10.39        | 11.55                   | 11.00                     | 94.7    |              |
| Q3012-07  | 5                          | 15     | 1.12           | 10.19        | 11.31                   | 10.5                      | 92.1    |              |
| Q3012-07D | 5DUP                       | 16     | 1.17           | 10.17        | 11.34                   | 10.53                     | 92.0    |              |
| Q3014-01  | Red Firestop Sealant       | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Caulk sample |
| Q3014-02  | Sidewalk Joint Caulk       | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Caulk sample |
| Q3014-03  | Ext Metal Wall panel Caulk | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Caulk sample |
| Q3021-02  | 821-ABC                    | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample   |
| Q3021-04  | 821-DEF                    | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample   |
| Q3021-06  | 821-GHI                    | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample   |
| Q3023-01  | TP-1                       | 23     | 1.14           | 10.62        | 11.76                   | 10.5                      | 88.1    |              |
| Q3023-04  | TP-2                       | 24     | 1.19           | 10.51        | 11.7                    | 10.9                      | 92.4    |              |
| Q3026-01  | EO-02-09042025             | 25     | 1.14           | 10.85        | 11.99                   | 11.08                     | 91.6    |              |
| Q3026-02  | EO-02-09042025-E2          | 26     | 1.18           | 10.36        | 11.54                   | 10.56                     | 90.5    |              |
| Q3027-01  | HD-01-09042025             | 27     | 1.11           | 10.55        | 11.66                   | 11.06                     | 94.3    |              |
| Q3027-02  | HD-01-09042025-E2          | 28     | 1.19           | 10.30        | 11.49                   | 11.05                     | 95.7    |              |

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

# WORKLIST(Hardcopy Internal Chain)

1370625

WorkList Name : %1-090425      WorkList ID : 191662      Department : Wet-Chemistry      Date : 09-04-2025 09:55:58

| Sample   | Customer Sample            | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3011-01 | WASTE                      | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-02 | VOC                        | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-03 | 1                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-04 | 2                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-05 | 3                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-06 | 4                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-07 | 5                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3011-08 | 6                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3012-01 | WASTE                      | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | Chemtech -SO |
| Q3012-02 | VOC                        | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3012-03 | 1                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3012-04 | 2                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3012-05 | 3                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3012-06 | 4                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3012-07 | 5                          | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | Chemtech -SO |
| Q3014-01 | Red Firestop Sealant       | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | J11                         | 09/03/2025   | Chemtech -SO |
| Q3014-02 | Sidewalk Joint Caulk       | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | J11                         | 09/03/2025   | Chemtech -SO |
| Q3014-03 | Ext Metal Wall panel Caulk | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | J11                         | 09/03/2025   | Chemtech -SO |
| Q3021-02 | 821-ABC                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | F31                         | 09/04/2025   | Chemtech -SO |
| Q3021-04 | 821-DEF                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | F31                         | 09/04/2025   | Chemtech -SO |
| Q3021-06 | 821-GHI                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | F31                         | 09/04/2025   | Chemtech -SO |

Date/Time 09/04/25 16:50  
 Raw Sample Received by: Ed Cady  
 Raw Sample Relinquished by: Ed Cady  
 Date/Time 09/04/25 18:00  
 Raw Sample Received by: Ed Cady  
 Raw Sample Relinquished by: Ed Cady

# WORKLIST(Hardcopy Internal Chain)

12/25/2024

WorkList Name : %1-090425      WorkList ID : 191662      Department : Wet-Chemistry      Date : 09-04-2025 09:55:58

| Sample   | Customer Sample   | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3023-01 | TP-1              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 09/04/2025   | Chemtech -SO |
| Q3023-04 | TP-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 09/04/2025   | Chemtech -SO |
| Q3026-01 | EO-02-09042025    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/04/2025   | Chemtech -SO |
| Q3026-02 | EO-02-09042025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/04/2025   | Chemtech -SO |
| Q3027-01 | HD-01-09042025    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/04/2025   | Chemtech -SO |
| Q3027-02 | HD-01-09042025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/04/2025   | Chemtech -SO |

Date/Time 09/04/25 16:50  
 Raw Sample Received by: SP WOC  
 Raw Sample Relinquished by: CP SM

Date/Time 09/04/25 18:00  
 Raw Sample Received by: CP SM  
 Raw Sample Relinquished by: SP WOC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: RJ

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: 09/04/2025

Extraction Start Time: 08:45

Extraction End Date: 09/04/2025

Extraction End Time: 11:35

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

| 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            | EP2626     |
| Baked Na2SO4       | N/A            | EP2636     |
| Methylene Chloride | N/A            | E3964      |
| 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# 2210673.

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 |
|-------------|-----------------------------------------|----------------------|
| 9/4/25      | RS (E4 Lab)                             | Y.P. PESTHPCB        |
| 11:40       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/04/2025

| Sample ID       | Client Sample ID | Test   | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|--------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |        |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB169544BL      | PB169544BL       | TPH GC | 30.01  | N/A | ritesh         | Evelyn     | 1                  |       |          | U3-1        |
| PB169544BS      | PB169544BS       | TPH GC | 30.02  | N/A | ritesh         | Evelyn     | 1                  |       |          | 2           |
| Q2998-01        | AU-05-082925     | TPH GC | 30.04  | N/A | ritesh         | Evelyn     | 1                  | E     |          | 3           |
| Q2998-01MS      | AU-05-082925MS   | TPH GC | 30.07  | N/A | ritesh         | Evelyn     | 1                  | E     |          | 4           |
| Q2998-01MS<br>D | AU-05-082925MSD  | TPH GC | 30.03  | N/A | ritesh         | Evelyn     | 1                  | E     |          | 5           |
| Q3011-01        | WASTE            | TPH GC | 30.08  | N/A | ritesh         | Evelyn     | 1                  |       |          | 6           |
| Q3012-01        | WASTE            | TPH GC | 30.02  | N/A | ritesh         | Evelyn     | 1                  |       |          | U4-1        |

RS  
9/10/24

169544  
8:45

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3011

WorkList ID : 191655

Department : Extraction

Date : 09-04-2025 08:39:21

| Sample   | Customer Sample | Matrix | Test   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|--------|--------------|----------|-----------------------------|--------------|--------|
| Q2998-01 | AU-05-082925    | Solid  | TPH GC | Cool 4 deg C | PSEG05   | D21                         | 08/29/2025   | 8015D  |
| Q3011-01 | WASTE           | Solid  | TPH GC | Cool 4 deg C | SCIA01   | J33                         | 09/03/2025   | 8015D  |
| Q3012-01 | WASTE           | Solid  | TPH GC | Cool 4 deg C | SCIA01   | J42                         | 09/03/2025   | 8015D  |

Date/Time 09/04/25 8:39  
Raw Sample Received by: RS (6761-1006)  
Raw Sample Relinquished by: RS (6761-1006)

Date/Time 09/04/25 8:50  
Raw Sample Received by: RS (6761-1006)  
Raw Sample Relinquished by: RS (6761-1006)



# SHIPPING DOCUMENTS

Q 3012

29-35 Frelinghuysen Ave

**CHEMTECH**

## CHAIN OF CUSTODY RECORD

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

Chemtech Project Number Newark  
COC Number

| CLIENT INFORMATION                                    |                                  |                  | PROJECT INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                      |       | BILLING INFORMATION |               |        |   |   |   |   |   |   |   |                                                                                        |  |
|-------------------------------------------------------|----------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|-------|---------------------|---------------|--------|---|---|---|---|---|---|---|----------------------------------------------------------------------------------------|--|
| Report to be sent to:                                 |                                  |                  | PROJECT NAME:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | LOCATION:            |       | BILL TO:            |               | PO#    |   |   |   |   |   |   |   |                                                                                        |  |
| COMPANY:                                              |                                  |                  | PROJECT #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | PROJECT MANAGER:     |       | ADDRESS:            |               | CITY:  |   |   |   |   |   |   |   |                                                                                        |  |
| ADDRESS:                                              |                                  |                  | E-MAIL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | PHONE:               |       | ATTENTION:          |               | STATE: |   |   |   |   |   |   |   |                                                                                        |  |
| CITY:                                                 |                                  |                  | FAX:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | PHONE:               |       | ZIP:                |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| ATTENTION:                                            |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| PHONE:                                                |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| FAX:                                                  |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| DATA TURNAROUND INFORMATION                           |                                  |                  | DATA DELIVERABLE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                      |       | ANALYSIS            |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| FAX (RUSH) _____ DAYS*                                |                                  |                  | <input type="checkbox"/> Level 1 (Results Only) <input type="checkbox"/> Level 4 (QC + Full Raw Data)<br><input type="checkbox"/> Level 2 (Results + QC) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP<br><input type="checkbox"/> Level 3 (Results + QC + Raw Data) <input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B<br><input type="checkbox"/> EDD: _____ DAYS* <input type="checkbox"/> Other _____<br><input type="checkbox"/> EDD FORMAT _____ |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| HARDCOPY (DATA PACKAGE): _____ DAYS*                  |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| EDD: _____ DAYS*                                      |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| *TO BE APPROVED BY CHEMTECH                           |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| CHEMTECH<br>SAMPLE<br>ID                              | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     | SAMPLE<br>COLLECTION |       | # of Bottles        | PRESERVATIVES |        |   |   |   |   |   |   |   | COMMENTS<br>← Specify Preservatives<br>A-HCl D-NaOH<br>B-HNO3 E-ICE<br>C-H2SO4 F-OTHER |  |
|                                                       |                                  |                  | COMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ORG | DATE                 | TIME  |                     | 1             | 2      | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                                                                                        |  |
| 1.                                                    | WASTE                            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     | 9/3                  | 7:30  | 1                   | X             |        |   |   |   |   |   |   |   |                                                                                        |  |
| 2.                                                    | VOC                              |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 7:45  | 1                   |               | X      |   |   |   |   |   |   |   |                                                                                        |  |
| 3.                                                    | 1                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 10:15 | 1                   |               |        |   | X |   |   |   |   |   |                                                                                        |  |
| 4.                                                    | 2                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 9:15  | 1                   |               |        |   | X |   |   |   |   |   |                                                                                        |  |
| 5.                                                    | 3                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 10:30 | 1                   |               |        |   | X |   |   |   |   |   |                                                                                        |  |
| 6.                                                    | 4                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 8:45  | 1                   |               |        |   | X |   |   |   |   |   |                                                                                        |  |
| 7.                                                    | 5                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      | 8:15  | 1                   |               |        |   | X |   |   |   |   |   |                                                                                        |  |
| 8.                                                    |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| 9.                                                    |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |
| 10.                                                   |                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                      |       |                     |               |        |   |   |   |   |   |   |   |                                                                                        |  |

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

|                         |                  |                     |                                                                                                                                                                                                                                               |
|-------------------------|------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER | DATE/TIME 9-3-25 | RECEIVED BY 1543    | Conditions of bottles or colors at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 61.6                                                                               |
| 1.                      | 9-3-25           | 1. [Signature]      | Comments: [Signature]                                                                                                                                                                                                                         |
| RELINQUISHED BY         | DATE/TIME        | RECEIVED BY         |                                                                                                                                                                                                                                               |
| 2.                      |                  | 2.                  |                                                                                                                                                                                                                                               |
| RELINQUISHED BY         | DATE/TIME 9-3-25 | RECEIVED FOR LAB BY | CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other: _____<br>CHEMTECH: <input type="checkbox"/> Picked Up<br>Page _____ of _____<br>Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3.                      | 9-3-25           | 3.                  |                                                                                                                                                                                                                                               |

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY



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

### Laboratory Certification

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

**LOGIN REPORT/SAMPLE TRANSFER**

|                                                   |               |                                                                      |                                   |
|---------------------------------------------------|---------------|----------------------------------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q3012                           | <b>SCIA01</b> | <b>Order Date :</b> 9/3/2025 3:58:00 PM                              | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Sciacca General Contractor:  |               | <b>Project Name :</b> 29-35 Frelinghuysen Ave, N                     | <b>Report Type :</b> Results Only |
| <b>Client Contact :</b> Rosanne Scirica           |               | <b>Receive DateTime :</b> 9/3/2025 <del>4:00:00</del> PM <i>4:25</i> | <b>EDD Type :</b> EXCEL NJCLEANUP |
| <b>Invoice Name :</b> Sciacca General Contractor: |               | <b>Purchase Order :</b>                                              | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Rosanne Scirica          |               |                                                                      | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES    |
|----------|-----------|--------|-------------|-------------|---------------|------------|--------|----------|--------------|
| Q3012-02 | VOC       | Solid  | 09/03/2025  | 07:45       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |

Relinquished By : 

Date / Time :

9-3-25 1630Received By : 

Date / Time :

09/04/25

Storage Area : VOA Refridgerator Room