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# METHOD TABLE 3+/TABLE 6 VS. EPA METHOD 537MOD MAX: ANALYTICAL METHOD COMPARISON

## Chemours Fayetteville Works

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# ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| 537MM | USEPA Method 537Mod Max |
| Chemours | The Chemours Company FC, LLC |
| CO | Consent Order |
| GAC | granular activated carbon |
| Geosyntec | Geosyntec Consultants of NC, P.C. |
| LANC | Eurofins Lancaster Laboratories Environmental (Lancaster, PA) |
| ng/L | nanograms per liter |
| PFAS | per- and polyfluoroalkyl substances |
| QA | quality assurance |
| QAPP | Quality Assurance Project Plan |
| RO | reverse osmosis |
| RPD | relative percent difference |
| SAC | Eurofins TestAmerica-Sacramento (Sacramento, CA) |
| Site | Fayetteville Works, NC |
| T3+/T6 | Method Table 3+ plus Method Table 6 |
| USEPA | United States Environmental Protection Agency |

# 1. INTRODUCTION

This report on Analytical Method Comparison was prepared by Geosyntec Consultants of NC, P.C. (Geosyntec) for The Chemours Company FC, LLC (Chemours) to present the results of the analysis of samples by 2 analytical methods: USEPA Method 537Mod Max (537MM) and Table 3+ plus Table 6 (T3+/T6; the Table 6 method is used in conjunction with the Table 3+ method when reporting limits below 10 nanogram per liter (ng/L) are required for PMPA and PEPA, which cannot be achieved by the Table 3+ method alone). The results were compared to understand the equivalency of the methods for the analysis of Table 3+ per- and polyfluoroalkyl substances (PFAS).

The purpose of this work was to compare analytical results obtained with the Table 3+/T6 analytical methods to analytical results obtained with 537MM in field samples potentially impacted by Fayetteville Works, NC (the Site). The comparison was conducted at 2 commercial analytical laboratories: Eurofins TestAmerica-Sacramento (Sacramento, CA) (SAC) and Eurofins Lancaster Laboratories Environmental (Lancaster, PA) (LANC). Although the main purpose of this work was to compare results from different analytical methods, a comparison of results from different laboratories for the same analytical method was also done; this was possible because the comparison was done at 2 analytical laboratories (both of which analyze samples for Table 3+ PFAS on behalf of Chemours).

Thirty locations were chosen for collection of field samples, spanning different matrices (untreated residential well water, surface water and groundwater) and different analytes (all analytes evaluated are PFAS found on the Table 3+ list) and concentrations such that a comprehensive comparison of the methods could be made. Samples were analyzed by 537MM and T3+/T6 for the PFAS listed in Table 1. Onsite and surface water samples were analyzed for 20 Table 3+ PFAS plus PFHpA and untreated residential well water samples were analyzed for the 12 Consent Order (CO) Attachment C PFAS.

# 2. METHODS

## 2.1 Sampling Locations

Thirty sampling locations were selected from onsite monitoring wells (6 locations), surface water sampling locations (5 locations), and untreated residential well water from locations previously included in granular activated carbon (GAC) Post Installation Sampling programs and 2021 reverse osmosis (RO) quality assurance (QA) Sampling (19 locations). Locations were selected to cover a range of Table 3+ analyte concentrations

to compare the analytical methods across relevant concentrations. Sample locations and sample types are listed in Table 2.

## 2.2 Sample Collection

Samples were collected in accordance with the PFAS Quality Assurance Project Plan (QAPP; AECOM, 2018) in compliance with the project Health and Safety Plan (Parsons, 2018). A Plan of Action Discussion and Project Safety Analysis was held prior to commencing field activities. All work in surface water bodies was performed under Nationwide Permit 6 (USACE, 2017).

At locations where a treatment system (i.e., GAC or RO) was present, samples of untreated residential well water were collected prior to the treatment system using the tap preceding the treatment system.

Sample naming convention was as follows:

FAY-Location ID-x-MMDDYY

where:

- FAY indicates Fayetteville
- Location ID is the sampling location ID
- x was replaced by
  - "a" to indicate Table 3+/Table 6 sample for SAC
  - "b" to indicate 537 Mod Max sample for SAC
  - "c" to indicate Table 3+/Table 6 sample for LANC
  - "d" to indicate 537 Mod Max sample for LANC
- MMDDYY indicates month, day, year, in 2-digit format (e.g., August 1, 2021 would be 080121)

Sample bottles were placed as soon as possible into a durable zip-top plastic bag inside an insulated sample cooler with ice. The coolers were shipped to SAC and LANC under chain-of-custody.

## 2.3 Sample Analysis

Samples were analyzed for Table 3+ PFAS and PFHpA by T3+/6 and 537MM. Untreated residential well water samples were analyzed for Attachment C PFAS, while groundwater and surface water samples were analyzed for 20 Table 3+ PFAS plus PFHpA. Analytical methods for each sample are listed in Table 2. Analytical results for each sample are provided in Table 3.

# 3. RESULTS

In the analysis of real samples such as the set of 4 results for each sample (analysis by 537MM and by T3+/T6 at SAC and at LANC), some variability is expected. A variability of ±30% relative percent difference (RPD) is considered acceptable for aqueous field duplicates analyzed by the same analytical method in the same analytical laboratory (EPA Region 1, 2020). For the purpose of this work, in which samples are analyzed by different analytical methods in the same laboratory, or by the same analytical method in different laboratories, an RPD that is applied to non-aqueous field duplicates (which are expected to be more variable than aqueous samples) was considered acceptable; this RPD is ±50% (EPA Region 1, 2020). (A sensitivity analysis was performed in which and RPD of 30% was used; see Section 3.3.4.) Only data pairs where both results were detected were considered (i.e., data pairs where both results were non-detect or where one of the two results was non-detect were not considered).

Results of analysis of samples by the 2 analytical methods (537MM and T3+/T6) were assessed by:

- determining how many results, analyzed by the two analytical methods (at the same laboratory), differed by more than 50%;
- reviewing ratio plots for a broad view of the relative performance of the two methods for each analyte; and
- reviewing Bland-Altman plots for a more detailed view of the results.

## 3.1.1 Results Within 50% RPD

An assessment of how many data pairs were ±50% was conducted. If the two results in the data pair were within ±50%, the two results were considered to be equivalent. Results outside the ±50% criterion were further categorized into those greater than +50% and those less than -50%; this provides information as to whether the data set leans in one direction or the other, but does not provide information about how large the exceedances are (e.g., a result of +51% would count as one exceedance, as would a result of +200%). Tables 4 and 5 show the results of the ±50% calculations for 537MM and T3+/T6 at SAC and at LANC, respectively.

At SAC, there were 248 data pairs, of which 234, or 94.4%, were considered to be the same (that is, ±50%). Of the 14 data pairs that were outside the 50% criterion, 10 results were higher by 537MM than by T3+/T6 and 4 results were lower by 537MM than by T3+/T6.

At LANC, there were 243 data pairs, of which 211, or 86.8%, were considered to be the same (that is, ±50%). Of the 32 results that were outside the 50% criterion, 10 results were higher by 537MM than by T3+/T6, and 22 results were lower by 537MM than by T3+/T6.

### 3.1.2 Ratio Plots

Ratio plots were created by calculating the ratio of the T3+/T6 result to the 537MM result from the same analytical laboratory. If the two results in a data pair are exactly the same, the ratio will be 1.0. The ratio of each comparable data pair was calculated, and then, for each analyte, the average and 95% confidence interval of the average ratio was calculated on the lognormal distribution and then converted out of the log scale. This allowed for a broad view of the relative performance of the two methods for each analyte. Results are shown in Figure 1 for the T3+/T6 and the 537MM data from SAC and in Figure 2 for the T3+/T6 and the 537MM data from LANC. On the plots, each dot represents the average of the 537MM to T3+/T6 ratios for a specific analyte. If the average ratio is >1, then the 537MM result is higher than the T3+/T6 result; if the average ratio is <1, then the 537MM result is lower than the T3+/T6 result. The vertical lines represent the 95% confidence interval of the average ratio. The dot-dash lines crossing the plot delineate ratios of 0.5 and 1.5; these show average ratios for individual analytes that exceed ±50%. An overall trend of the methods relative to each other for the entire data set (the average ratios for all analytes) was also calculated; this is shown by the dashed lines which represent the ratios of 50% RPD for the entire data set.

Figures 1 and 2 show that the average ratio for all analytes with calculable ratios was within ±50% at both laboratories. This means that the analytical results obtained by 537MM are the same as those obtained by T3+/T6 (within ±50%), and that both laboratories can achieve this. The 537MM and T3+/T6 results are considered to be equivalent at both SAC and at LANC.

### 3.1.3 Bland-Altman Plots

A Bland-Altman plot consists of a plot of the difference between two values versus the average of the two values, with limit of agreement lines, representing ±1.96 standard deviations (which is expected to encompass 95% of results that are normally distributed), drawn parallel to the mean difference line. In these plots, each data pair is displayed, as opposed to the ratio plots, in which average ratios for each Table 3+ PFAS and its 95% confidence interval were plotted. A Bland-Altman plot was created for each analyte at each laboratory. If the two results in all data pairs for a given analyte (from the same laboratory) are the same, the mean difference will be 0.0. In addition to systematic variability (i.e., the mean difference deviating in one direction or the other from 0.0), a

Bland-Altman plot can show proportional variability (i.e., increased variability at different concentration ranges). Results are summarized in Table 6. Plots are provided in Appendix A.

The mean percent differences between the 537MM data and the T3+/T6 from SAC range from -21%[1] to 31%[2]. All mean percent differences were within ±50%. Therefore, the 537MM and T3+/T6 results from SAC are considered to be equivalent.

The mean percent differences between the 537MM data and the T3+/T6 from LANC range from -45%[3] to 33%[4]. All mean percent differences are within ±50%. Therefore, the 537MM and T3+/T6 results from LANC are considered to be equivalent.

## 3.2 Results of Comparison of Analytical Laboratories

Comparison of the results of analysis of samples by the two laboratories (SAC and LANC) was not the purpose of this work; however, since the results are available, the analysis of samples by 537MM at SAC and at LANC was assessed, as was the analysis of samples by T3+/T6 at SAC and at LANC. The conclusion of the assessment was that SAC and LANC results are considered to be equivalent for both 537MM and T3+/T6. Results are provided in Appendix B.

## 3.3 Data Quality and Sensitivity

This section discusses the results of field and equipment blanks, field duplicates, instances of data pairs where, with a detect and a non-detect, the value of the reporting limit of the non-detect is lower than the value of the detect, and a sensitivity analysis where an RPD of 30% was used to assess the 537MM versus T3+/T6 data (rather than the 50% used in Section 3.1.1.

### 3.3.1 Equipment and Field Blanks

Equipment blanks (field rinsate blanks) were collected at a frequency of one per sampling day (when non-dedicated equipment was used for sample collection) per analytical method for each laboratory. Twenty-eight equipment blanks were analyzed (Table 7).

[1] For PFHpA; -21% means the results from the 537MM method analysis average 21% lower for this compound than from the T3+/T6 method at SAC
[2] For Hydro-PS Acid; 31% means the results from the 537MM method analysis average 31% higher for this compound than from the T3+/T6 method at SAC
[3] For PEPA; -45% means the results from the 537MM method analysis average 45% lower for this compound than from the T3+/T6 method at LANC
[4] For PFMOAA; 33% means the results from the 537MM method analysis average 33% higher for this compound than from the T3+/T6 method at LANC

There was one detection of a target analyte in the equipment blanks: 3.1 ng/L of PFMOAA was detected in the 11/4/2021 equipment blanks analyzed at SAC by T3+/T6. This equipment blank was associated with the field samples from LTW-01, in which the PFMOAA concentration was approximately 20,000 ng/L; therefore, the detection of PFMOAA in the equipment blank (~0.02% of the sample concentration) was not significant.

Field blanks were collected at a frequency of one per sampling day per analytical method for each laboratory. Forty-six field blanks were collected and analyzed (Table 7). There were no detections of target analytes in the field blanks.

### 3.3.2 Field duplicates

Two field duplicates were collected and analyzed by 537MM and T3+/T6 at SAC and at LANC (Table 8). Aqueous field replicates have a target RPD of 30% (EPA Region 1, 2020). Of the 67 data pairs with calculable RPDs, 64 (95.5%) had RPDs ≤30%. Only 3 data pairs (4.5%) had RPDs >30%: 1 (PFO3OA) with results near the reporting limits, where more variability is common, 1 for PFMOAA (which is a small molecule and is poorly retained on the analytical column and can therefore be difficult to analyze) and 1 for R-EVE (which is a diprotic PFAS and can be subject to severe matrix effects). Overall, the precision of the analyses as measured by the field duplicates is considered acceptable.

### 3.3.3 Data Pairs Where a Non-Detect Reporting Limit is Lower than a Detect

The analysis of the 537MM versus the T3+/T6 results was conducted using data pairs where both results were detected. Cases where both results are non-detect, or where one result is a detect and the other is a non-detect with a reporting limit higher than the detected value can be excluded from the analysis, as the results cannot be accurately compared. Additionally, cases where one result is a detect close to the reporting limit and the other is a non-detect with a reporting limit lower than the detected value can also be excluded from the analysis.

However, cases were where one result is a detect and the other is a non-detect with a reporting limit more than 5-fold lower than the detected value warrant further review. Four results fall into this category:

- R-PSDA in the LANC results for the sample from CFR-Tarheel:
    - The result from the T3+/T6 analysis was non-detect with a reporting limit of 2 ng/L, while the 537MM result was estimated at 15 ng/L. R-PSDA is

a diprotic PFAS and can be subject to severe matrix effects; therefore, this discrepancy was not considered unusual.

- R-EVE in the LANC results for the sample from GBC-1:
  - The result from the T3+/T6 analysis was non-detect with a reporting limit of 2 ng/L, while the 537MM result was estimated at 27 ng/L. R-EVE is a diprotic PFAS and can be subject to severe matrix effects; therefore, this discrepancy was not considered unusual.
- PFECA-G in the LANC results for the sample from LTW-05:
  - The result from the T3+/T6 analysis was 240 ng/L, while the 537MM result was non-detect with a reporting limit of 18 ng/L. Investigation by the laboratory did not uncover any irregularities in the sample analyses; therefore, this discrepancy may simply be a result of discrete samples being collected during this study (that is, the 4 samples from each location were collected one after the other, and were not split from a single original sample).
- PFECA-B in the LANC results for the sample from PIW-1D:
  - The result from the T3+/T6 analysis was non-detect with a reporting limit of 2 ng/L, while the 537MM result was estimated at 18 ng/L. Investigation by the laboratory did not uncover any irregularities in the sample analyses; therefore, this discrepancy may simply be a result of discrete samples being collected during this study (that is, the 4 samples from each location were collected one after the other, and were not split from a single original sample).

These few cases were where one result is a detect and the other is a non-detect with a reporting limit more than 5-fold lower than the detected value are not specific to one analyte nor are they systematic as to which method has the detect and which has the non-detect. Therefore, they are not of significant concern.

### 3.3.4 Sensitivity Analysis with an RPD of 30%

A sensitivity analysis where an RPD of 30% (the standard RPD used when samples are analyzed by the same method in the same laboratory) was used to assess the 537MM versus T3+/T6 data (rather than the 50% used in Section 3.1.1) was conducted.

At SAC, there were 248 data pairs, of which 234, or 94.4%, were considered to be the same with the ±50% criterion; 10 results were higher by 537MM than by T3+/T6 and 4 results were lower by 537MM than by T3+/T6. When the criterion was lowered to ±30%, 196 data pairs, or 79.0%, were considered to be the same; 30 results were higher by 537MM and 22 results were higher by T3+/T6.

At LANC, there were 243 data pairs, of which 211, or 86.8%, were considered to be the same with the ±50% criterion; 10 results were higher by 537MM than by T3+/T6 and 22 results were lower by 537MM than by T3+/T6. When the criterion was lowered to ±30%, 150 data pairs, or 61.7%, were considered to be the same; 34 results were higher by 537MM and 59 results were higher by T3+/T6.

Taken together, the results from SAC and LANC assessed with a ±30% criterion, 537MM and T3+/T6 are still very comparable and do not show an obvious directionality between the 537MM and T3+/T6 results (that is, bias towards either analytical method).

### 3.4 Reporting Limits

The reporting limits for the 2 analytical methods (537MM and T3+/T6) at the 2 analytical laboratories are provided in Table 9.

All reporting limits for 537MM and T3+/T6 at both analytical laboratories are below 10 ng/L. Therefore, both methods at both laboratories can be employed for the analysis of private well water samples collected under the CO.

All reporting limits for 537MM and T3+/T6 at both analytical laboratories are below 5 ng/L with the exception of PS Acid and EVE Acid by 537MM at LANC, for which the RLs are 8.9 ng/L. LANC has been instructed to work towards reducing these 2 reporting limits to below 5 ng/L; DEQ directed Chemours to meet a reporting limit of 5 ng/L in August 2019.

## 4. CONCLUSIONS AND RECOMMENDATIONS

Aqueous samples were collected from 30 locations, spanning different matrices (untreated residential well water, surface water and groundwater) and different potential analytes and concentrations such that a fairly comprehensive comparison of 2 analytical methods, EPA Method 537 Mod Max and Table 3+/Table 6, could be made. Samples were analyzed using both analytical methods at 2 commercial laboratories – SAC and LANC. Onsite and surface water samples were analyzed for 20 Table 3+ PFAS plus PFHpA and untreated residential well water samples were analyzed for Consent Order (CO) Attachment C PFAS.

When comparing the results from 537MM to the results from T3+/T6:

- The average ratio for all analytes with calculable ratios was within ±50% at both SAC and LANC.

- More than 98.0% (at SAC) and 94.7% (at LANC) of data pairs analyzed by the 2 analytical methods were within ±50%. A few data pairs (2.0% at SAC and 5.3% at LANC) did exceed the ±50% criterion; however, a few exceedances are to be expected in the analysis of individual samples (i.e., not split samples) by different analytical methods.
- The ratio plots and Bland-Altman plots show that there is no overall directionality between the 537MM and T3+/T6 results (that is, there is no bias towards either analytical method) beyond the ±50% criteria.

Consequently, the 537MM and T3+/T6 results are considered to be equivalent at both SAC and at LANC.

The SAC and LANC results are also considered to be equivalent for both 537MM and T3+/T6.

Reporting limits for 537MM are within the limits required for private well water samples collected under the CO (10 ng/L). Reporting limits for 537MM are within 5 ng/L (as directed by DEQ in August 2019) for all analytes and at both laboratories with the exception of PS Acid and EVE Acid by 537MM at LANC (for which the reporting limits are 8.9 ng/L). LANC has been instructed to work towards reducing these 2 reporting limits to below 5 ng/L.

The results of this work show that the analysis of aqueous samples for Table 3+ PFAS can be conducted by either analytical method (537MM or T3+/T6) and at either analytical laboratory (SAC or LANC).

## 5. REFERENCES

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Parsons, 2018. Health and Safety Plan Chemours Fayetteville Site.

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# TABLES

**TABLE 1**
**PFAS INCLUDED IN ANALYTICAL METHOD COMPARISON AND MEMBERSHIP IN PFAS GROUPS**
**Chemours Fayetteville Works, North Carolina**

| Common Name | Chemical Name | CASRN | Chemical Formula | 20 Table 3+ PFAS and PFHpA | CO Attachment C PFAS |
|---|---|---|---|---|---|
| HFPO-DA | Hexafluoropropylene oxide dimer acid | 13252-13-6 | $C_6HF_{11}O_3$ | ● | ● |
| PFMOAA | Perfluoro-2-methoxyacetic acid | 674-13-5 | $C_3HF_5O_3$ | ● | ● |
| PFO2HxA | Perfluoro-3,5-dioxahexanoic acid | 39492-88-1 | $C_4HF_7O_4$ | ● | ● |
| PFO3OA | Perfluoro-3,5,7-trioxaoctanoic acid | 39492-89-2 | $C_5HF_9O_5$ | ● | ● |
| PFO4DA | Perfluoro-3,5,7,9-tetraoxadecanoic acid | 39492-90-5 | $C_6HF_{11}O_6$ | ● | ● |
| PFO5DA | Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid | 39492-91-6 | $C_7HF_{13}O_7$ | ● | ● |
| PMPA | Perfluoro-2-methoxypropionic acid | 13140-29-9 | $C_4HF_7O_3$ | ● | ● |
| PEPA | Perfluoro-2-ethoxypropionic acid | 267239-61-2 | $C_5HF_9O_3$ | ● | ● |
| PS Acid | Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro- | 29311-67-9 | $C_7HF_{13}O_5S$ | ● | ● |
| Hydro-PS Acid | Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro- | 749836-20-2 | $C_7H_2F_{14}O_5S$ | ● | ● |
| R-PSDA | Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)- | 2416366-18-0 | $C_7H_2F_{12}O_6S$ | ● | |
| Hydrolyzed PSDA | Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]- | 2416366-19-1 | $C_7H_3F_{11}O_7S$ | ● | |
| R-PSDCA | Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]- | 2416366-21-5 | $C_6H_2F_{12}O_4S$ | ● | |

**TABLE 1**
**PFAS INCLUDED IN ANALYTICAL METHOD COMPARISON AND MEMBERSHIP IN PFAS GROUPS**
**Chemours Fayetteville Works, North Carolina**

| Common Name | Chemical Name | CASRN | Chemical Formula | 20 Table 3+ PFAS and PFHpA | CO Attachment C PFAS |
|---|---|---|---|---|---|
| NVHOS | 1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetafluoroethane | 801209-99-4 | $C_4H_2F_8O_4S$ | ● | |
| EVE Acid | 2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethenyl)oxy]propan-2-yl}oxy)propionic acid | 69087-46-3 | $C_8HF_{13}O_4$ | ● | |
| Hydro-EVE Acid | 2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2,2-tetrafluoroethyl)oxy]propan-2-yl}oxy)propionic acid | 773804-62-9 | $C_8H_2F_{14}O_4$ | ● | |
| R-EVE | Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro- | 2416366-22-6 | $C_8H_2F_{12}O_5$ | ● | |
| PES | Perfluoro-2-ethoxyethanesulfonic acid | 113507-82-7 | $C_4HF_9O_4S$ | ● | |
| PFECA B | Perfluoro-3,6-dioxaheptanoic acid | 151772-58-6 | $C_5HF_9O_4$ | ● | |
| PFECA-G | Perfluoro-4-isopropoxybutanoic acid | 801212-59-9 | $C_7HF_{13}O_3$ | ● | ● |
| PFHpA | Perfluoroheptanoic acid | 375-85-9 | $C_7HF_{13}O_2$ | ● | ● |

***Notes:***
CASRN - Chemical Abstracts Service Registry Number
PFAS - per- and polyfluoroalkyl substances
CO - Consent Order

**TABLE 2**
**SAMPLE LOCATIONS, SAMPLE TYPE AND ANALYTICAL METHODS**
**Chemours Fayetteville Works, North Carolina**

| Sample Location | Sample Type | Analytical Methods | | |
|---|---|---|---|---|
| | | 537 Mod Max | Table 3+ / Table 6 | |
| | | | Table 3+ | Table 6 |
| ***Onsite Well Locations*** | | | | |
| LTW-01 | Onsite groundwater | ✔ | ✔ | -- |
| LTW-05 | Onsite groundwater | ✔ | ✔ | -- |
| PIW-1D | Onsite groundwater | ✔ | ✔ | -- |
| PW-09 | Onsite groundwater | ✔ | ✔ | -- |
| SMW-10 | Onsite groundwater | ✔ | ✔ | -- |
| SMW-11 | Onsite groundwater | ✔ | ✔ | -- |
| ***Surface Water Locations*** | | | | |
| CFR-TARHEEL | Surface water | ✔ | ✔ | -- |
| GBC-1 | Surface water | ✔ | ✔ | -- |
| OLDOF-2 | Surface water | ✔ | ✔ | -- |
| SEEP-A-INF | Surface water | ✔ | ✔ | -- |
| WC-1 | Surface water | ✔ | ✔ | -- |
| ***Drinking Water Locations*** | | | | |
| 1476 SEABROOK SCHOOL RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 1652 OLD NC 20 RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 373 REST A WHILE WAY-W1 | Drinking water | ✔ | ✔ | ✔ |
| 3846 CRITTERCREEK RD-W2 | Drinking water | ✔ | ✔ | ✔ |
| 4184 TRANQUILITY RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 4421 ALLEGIANCE AVE-W1 | Drinking water | ✔ | ✔ | ✔ |
| 4649 JACKIE HOOD LN-W1 | Drinking water | ✔ | ✔ | ✔ |
| 4755 JACKIE HOOD LN-W1 | Drinking water | ✔ | ✔ | ✔ |
| 5010 SNOWBIRD RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 5146 MATT HAIR RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 5171 DUDLEY RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 618 HILLEY ST-W1 | Drinking water | ✔ | ✔ | ✔ |
| 6562 MATT HAIR RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 6657 MATT HAIR RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 7609 TABOR CHURCH RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 7741 TABOR CHURCH RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 8472 TABOR CHURCH RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| 872 DAVIS FARM RD-W1 | Drinking water | ✔ | ✔ | ✔ |
| CHEMOURS PLANT DRC WELL-W1 | Drinking water replacement location | ✔ | ✔ | ✔ |

***Notes:***
-- - Analysis by the Table 6 Method will not be applied to onsite groundwater or surface water samples.

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 1476 SEABROOK SCHOOL RD-W1 | | | | 1652 OLD NC 20 RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-1476SEABS-A-120221 | FAY-1476SEABS-B-120221 | FAY-1476SEABS-C-120221 | FAY-1476SEABS-D-120221 | FAY-1652OLD20-A-111621 | FAY-1652OLD20-B-111621 | FAY-1652OLD20-C-111921 | FAY-1652OLD20-D-111921 |
| Sample Date | 12/02/2021 | 12/02/2021 | 12/02/2021 | 12/02/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82505-1 | 320-82505-2 | 410-65653-1 | 410-65653-2 | 320-81927-1 | 320-81927-2 | 410-63926-5 | 410-63926-6 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.8 | **160** | **150** | **170** | **120** |
| PFMOAA | **3.3 J** | **2.4** | **2.9** | **3.8** | **21** | **42** | **38** | **46 J** |
| PFO2HxA | **4.5** | **4.9** | **3.4** | **4.9** | **110** | **100** | **120** | **98** |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.9 | **4.6** | **4.3** | **4.7** | **3.8** |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 | <2.0 | <2.0 | <4.9 |
| PMPA | **8.6** | **7.0** | **11** | **7.1** | **800** | **660** | **1,200** | **580 J** |
| PEPA | <2 | <2.0 | <1.8 | <1.9 | **180** | **130** | **220** | **110** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.5 UJ | <2.0 | <2.0 UJ | <2.0 | <9.9 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.9 | **7.7** | **11** | **7.5** | **7.4** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <2.0 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 373 REST A WHILE WAY-W1 | | | | 3846 CRITTERCREEK RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-373RESTA-A-113021 | FAY-373RESTA-B-113021 | FAY-373RESTA-C-113021 | FAY-373RESTA-D-113021 | FAY-3846CRITT-A-111721 | FAY-3846CRITT-B-111721 | FAY-3846CRITT-C-111721 | FAY-3846CRITT-D-111721 |
| Sample Date | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/17/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82504-5 | 320-82504-6 | 410-65641-5 | 410-65641-6 | 320-82186-3 | 320-82186-4 | 410-64616-3 | 410-64616-4 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **3.6** | <4.0 | <2.0 | **2.9** | **12** | **13** | **3.2** | **9.4** |
| PFMOAA | **5.3** | **5.6** | **5.8** | **10** | **3.6** | <2.0 | <2.0 | **2.3** |
| PFO2HxA | **17** | **22** | **20** | **26** | **4.9** | **6.3** | **4.1** | **4.6** |
| PFO3OA | **2.7** | **2.9** | **2.7** | **3.8** | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 | <2.0 | <2.0 | <4.5 |
| PMPA | **35** | **27** | **40** | **29** | **24** | **23** | **34** | **21** |
| PEPA | **3.7** | **2.2** | **3.9** | **2.3** | **4.5** | **4.8** | **5.8** | **3.1 J** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 4184 TRANQUILITY RD-W1 | | | | 4421 ALLEGIANCE AVE-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-4184TRANQ-A-111221 | FAY-4184TRANQ-B-111221 | FAY-4184TRANQ-C-111221 | FAY-4184TRANQ-D-111221 | FAY-4421ALLEG-A-111921 | FAY-4421ALLEG-B-111921 | FAY-4421ALLEG-C-111921 | FAY-4421ALLEG-D-111921 |
| Sample Date | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-81928-1 | 320-81928-2 | 410-63715-1 | 410-63715-2 | 320-82193-3 | 320-82193-4 | 410-64569-19 | 410-64569-20 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **1,400** | **1,200** | **1,100** | **1,100 J** | **5.6** | **4.6** | <2.0 | **3.7** |
| PFMOAA | **150 J** | **180** | **170** | **230 J** | **3.9** | **4.2** | **4.1** | **5.0** |
| PFO2HxA | **650** | **720** | **750** | **640 J** | **9.0** | **10** | **8.1** | **8.1** |
| PFO3OA | **58** | **52** | **51** | **51 J** | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO4DA | **19** | **17 J** | **18** | **16 J** | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 UJ | <2.0 | <2.0 | <2.0 | <4.2 |
| PMPA | **1,100** | **1,200** | **2,000** | **1,100 J** | **19** | **19** | **23** | **17** |
| PEPA | **400** | **410** | **530** | **300 J** | **3.4** | **3.7** | **3.6** | **2.7 J** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | <2.0 | <2.0 UJ | <2.0 | <8.5 UJ |
| Hydro-PS Acid | **32** | **45** | **34** | **38 J** | **2.3** | **3.1** | **2.9** | **2.4 J** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 UJ | <2.0 | <2.0 | <2.0 | <1.7 |
| Perfluoroheptanoic Acid | **4.0** | **3.3** | **3.4** | **3.3 J** | <2.0 | <2.0 | <2.0 | <1.7 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 4649 JACKIE HOOD LN-W1 | | | | 4755 JACKIE HOOD LN-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-4649JACKI-A-111821 | FAY-4649JACKI-B-111821 | FAY-4649JACKI-C-111821 | FAY-4649JACKI-D-111821 | FAY-4755JACKI-A-111521 | FAY-4755JACKI-B-111521 | FAY-4755JACKI-C-111521 | FAY-4755JACKI-D-111521 |
| Sample Date | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82186-7 | 320-82186-8 | 410-64616-7 | 410-64616-8 | 320-81926-1 | 320-81926-2 | 410-63926-1 | 410-63926-2 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **990** | **940** | **990** | **650** | **490** | **490** | **520** | **400** |
| PFMOAA | **140** | **200** | **180** | **260** | **86 J** | **81 J** | **100** | **200** |
| PFO2HxA | **720** | **620** | **800** | **650** | **500** | **720** | **690** | **690** |
| PFO3OA | **91 J** | **62** | **75** | **79** | **80** | **84 J** | **83** | **120** |
| PFO4DA | **30 J** | **19 J** | **28** | **26** | **31** | **30** | **35** | **47 J** |
| PFO5DA | **7.5** | **6.8 J** | **6.3** | **6.3** | **7.4** | **7.6 J** | **7.1** | **13 J** |
| PMPA | **1,700** | **1,500** | **2,500** | **1,400** | **1,000** | **880** | **1,300** | **900** |
| PEPA | **620** | **430** | **630** | **350 J** | **410** | **260** | **310** | **240** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.2 UJ | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ |
| Hydro-PS Acid | **43** | **56** | **49** | **45** | **27** | **42** | **32** | **37 J** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | **3.1** | **2.6** | **2.9** | **2.0** | **3.2** | **2.9** | **3.3** | **2.9** |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 5010 SNOWBIRD RD-W1 | | | | 5146 MATT HAIR RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-5010SNWBR-A-111821 | FAY-5010SNWBR-B-111821 | FAY-5010SNWBR-C-111821 | FAY-5010SNWBR-D-111821 | FAY-5146MATTH-A-111821 | FAY-5146MATTH-B-111821 | FAY-5146MATTH-C-111821 | FAY-5146MATTH-D-111821 |
| Sample Date | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82175-1 | 320-82175-2 | 410-64601-1 | 410-64601-2 | 320-82175-7 | 320-82175-8 | 410-64601-7 | 410-64601-8 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **52** | **49** | **38** | **42** | **120** | **140** | **130** | **100** |
| PFMOAA | **20** | **20** | **22** | **31** | **22** | **27** | **30** | **49** |
| PFO2HxA | **69** | **78 J** | **77** | **69** | **120** | **130** | **110** | **130** |
| PFO3OA | **13 J** | **14** | **12** | **11** | **15 J** | **19** | **12** | **16** |
| PFO4DA | **2.9 J** | **2.7** | **3.1** | **2.7 J** | **4.2 J** | **3.6** | **4.3** | **4.5** |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.6 UJ | <2.0 | <2.0 | <2.0 | <4.5 |
| PMPA | **110 J** | **110** | **200** | **89** | **390** | **400** | **690** | **330** |
| PEPA | **27 J** | **25** | **47** | **17 J** | **110** | **87** | **180** | **63 J** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.3 UJ | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ |
| Hydro-PS Acid | **11** | **14** | **12** | **9.7 J** | **13** | **19** | **16** | **14** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | **4.9** | **4.4** | **4.1** | **3.6** |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 5171 DUDLEY RD-W1 | | | | 618 HILLEY ST-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-5171DDLYR-A-111621 | FAY-5171DDLYR-B-111621 | FAY-5171DDLYR-C-111921 | FAY-5171DDLYR-D-111921 | FAY-618HILLE-A-111921 | FAY-618HILLE-B-111921 | FAY-618HILLE-C-111921 | FAY-618HILLE-D-111921 |
| Sample Date | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-81926-3 | 320-81926-4 | 410-63926-3 | 410-63926-4 | 320-82193-1 | 320-82193-2 | 410-64569-17 | 410-64569-18 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **68** | **70** | **58 J** | **59** | **2.5** | <4.0 | <2.0 | <2.6 |
| PFMOAA | **40** | **40** | **37** | **54 J** | **2.7** | **2.1** | **2.1** | **2.7** |
| PFO2HxA | **130** | **140 J** | **160** | **150** | **5.7** | **5.5** | **4.6** | **5.2** |
| PFO3OA | **27** | **28 J** | **25** | **26** | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 | <2.0 | <2.0 | <4.3 |
| PMPA | **240** | **190** | **290** | **190 J** | **12** | **12** | **13** | **10** |
| PEPA | **54** | **36** | **55** | **34** | <2 | <2.0 | <1.7 | <1.7 UJ |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.3 UJ | <2.0 | <2.0 UJ | <2.0 | <8.5 UJ |
| Hydro-PS Acid | **14** | **20** | **16** | **14** | <2.0 | <2.0 | <2.0 | <1.7 |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.7 |
| Perfluoroheptanoic Acid | **2.9** | **2.6** | **2.9** | **2.0** | **5.3** | **4.2** | **5.2** | **4.0** |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 6562 MATT HAIR RD-W1 | | | | 6657 MATT HAIR RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-6562MATTH-A-111821 | FAY-6562MATTH-B-111821 | FAY-6562MATTH-C-111821 | FAY-6562MATTH-D-111821 | FAY-6657MATTH-A-111821 | FAY-6657MATTH-B-111821 | FAY-6657MATTH-C-111821 | FAY-6657MATTH-D-111821 |
| Sample Date | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82175-5 | 320-82175-6 | 410-64601-5 | 410-64601-6 | 320-82175-3 | 320-82175-4 | 410-64601-3 | 410-64601-4 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **60** | **55** | **40** | **41** | **300** | **300** | **280** | **190** |
| PFMOAA | **15** | **24** | **20** | **29** | **58** | **67** | **72** | **100** |
| PFO2HxA | **120** | **130** | **130** | **120** | **460** | **570** | **510** | **420** |
| PFO3OA | **18 J** | **22** | **16** | **17** | **61 J** | **68** | **56** | **60** |
| PFO4DA | **4.1 J** | **3.6** | **3.8** | **4.3** | **12 J** | **9.0** | **14** | **11** |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.6 | <2.0 | <2.0 | <2.0 | <4.6 |
| PMPA | **120** | **130** | **120** | **100** | **520** | **470** | **600** | **360** |
| PEPA | **33** | **32** | **27** | **22 J** | **200** | **130** | **150** | **96 J** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.2 UJ | <2.0 | <2.0 UJ | <2.0 | <9.2 UJ |
| Hydro-PS Acid | **20** | **27** | **21** | **22** | **50** | **68** | **55** | **49** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.8 | **4.7** | **3.3** | **3.4** | **2.6** |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 7069 TABOR CHURCH RD-W1 | | | | 7741 TABOR CHURCH RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-7069TABOR-A-113021 | FAY-7069TABOR-B-113021 | FAY-7069TABOR-C-113021 | FAY-7069TABOR-D-113021 | FAY-7741TABOR-A-113021 | FAY-7741TABOR-B-113021 | FAY-7741TABOR-C-113021 | FAY-7741TABOR-D-113021 |
| Sample Date | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 | 11/30/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82504-1 | 320-82504-2 | 410-65641-1 | 410-65641-2 | 320-82504-3 | 320-82504-4 | 410-65641-3 | 410-65641-4 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **26** | **21** | **14** | **19** | **100** | **83** | **80** | **91** |
| PFMOAA | **23 J** | **21** | **20** | **34** | **36** | **33** | **35** | **66** |
| PFO2HxA | **37 J** | **39** | **36** | **44** | **110** | **150** | **140** | **170** |
| PFO3OA | **3.5 J** | **2.9** | **2.8** | **3.3** | **12** | **16** | **13** | **18** |
| PFO4DA | <2.0 UJ | <2.0 | <2.0 | <1.8 | **3.2 J** | **3.0** | **3.2** | **3.7** |
| PFO5DA | <2.0 UJ | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 | <2.0 | <4.5 |
| PMPA | **140** | **86** | **130** | **92** | **350** | **280** | **380** | **290** |
| PEPA | **29 J** | **15** | **23** | **14** | **110** | **56** | **94** | **56** |
| PS Acid | <2.0 UJ | <2.0 UJ | <2.0 | <9.1 UJ | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ |
| Hydro-PS Acid | **9.0 J** | **9.8** | **8.8** | **8.2** | **8.6** | **11** | **10** | **10** |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 UJ | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | <2.0 UJ | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | 8472 TABOR CHURCH RD-W1 | | | | 872 DAVIS FARM RD-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-8472TABOR-A-111821 | FAY-8472TABOR-B-111821 | FAY-8472TABOR-C-111821 | FAY-8472TABOR-D-111821 | FAY-872DAVIS-A-110121 | FAY-872DAVIS-B-110121 | FAY-872DAVIS-C-110121 | FAY-872DAVIS-D-110121 |
| Sample Date | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/01/2021 | 11/01/2021 | 11/01/2021 | 11/01/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82210-1 | 320-82210-2 | 410-64593-1 | 410-64593-2 | 320-81365-1 | 320-81365-2 | 410-62129-1 | 410-62129-2 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **77** | **78** | **56** | **57** | **48** | **42** | **34** | **42** |
| PFMOAA | **19** | **25** | **23** | **32** | **4.5** | **3.9** | <2.0 | **5.6** |
| PFO2HxA | **98** | **220** | **160** | **140** | **7.8** | **7.1** | **7.3** | **8.3** |
| PFO3OA | **17 J** | **30** | **21** | **22** | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO4DA | **5.3 J** | **10** | **8.1** | **7.9** | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.8 | <2.0 | <2.0 | <2.0 | <4.9 |
| PMPA | **160** | **130** | **150** | **130** | **210 J** | **170** | **210** | **180** |
| PEPA | **46** | **50** | **35** | **27 J** | **17 J** | **14** | **15** | **12** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.5 UJ | <2.0 | <2.0 UJ | <2.0 | <9.7 UJ |
| Hydro-PS Acid | **13** | **25 J** | **21** | **19** | <2.0 | **2.0** | <2.0 | <1.9 |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | CFR-TARHEEL | | | | CHEMOURS PLANT DRC WELL-W1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-CFR-TARHEEL-A-111521 | FAY-CFR-TARHEEL-B-111521 | FAY-CFR-TARHEEL-C-111521 | FAY-CFR-TARHEEL-D-111521 | FAY-6701DERCR-A-111921 | FAY-6701DERCR-B-111921 | FAY-6701DERCR-C-111921 | FAY-6701DERCR-D-111921 |
| Sample Date | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-81929-7 | 320-81929-8 | 410-63715-15 | 410-63715-16 | 320-82210-3 | 320-82210-4 | 410-64593-3 | 410-64593-4 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | **12** | **12** | **4.0** | **10** | **56** | **56** | **39** | **41** |
| PFMOAA | **16** | **26** | **27** | **44** | **11 J** | **9.4** | **9.3** | **13 J** |
| PFO2HxA | **13** | **16** | **15** | **18** | **21** | **28** | **23** | **22 J** |
| PFO3OA | **3.4** | **4.5** | **3.3** | **4.2** | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 | <2.0 | <4.6 |
| PMPA | **24** | **13** | **11** | **15** | **120** | **110** | **160** | **110** |
| PEPA | <20 | **3.3** | <20 | **3.3** | **20** | **24** | **25** | **18** |
| PS Acid | <2.0 | <2.0 | <2.0 | <9.0 UJ | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| R-PSDA | **6.3 J** | **27 J** | <2.0 | **15 J** | -- | -- | -- | -- |
| Hydrolyzed PSDA | **7.2 J** | **9.6 J** | **17 J** | **18 J** | -- | -- | -- | -- |
| R-PSDCA | <2.0 | <3.0 | <2.0 | <1.8 | -- | -- | -- | -- |
| NVHOS | **8.0** | **12** | **10** | **8.1** | -- | -- | -- | -- |
| EVE Acid | <2.0 | <2.0 | <2.0 | <9.0 UJ | -- | -- | -- | -- |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <1.8 | -- | -- | -- | -- |
| R-EVE | <2.0 | **5.6 J** | <2.0 | **3.6 J** | -- | -- | -- | -- |
| PES | <2.0 | <2.0 | <2.0 | <1.8 | -- | -- | -- | -- |
| PFECA B | <2.0 | <2.0 | <2.0 | <1.8 | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | **5.9** | **5.8** | **6.1** | **4.8** | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | GBC-1 | | | | LTW-01 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-GBC-1-A-110221 | FAY-GBC-1-B-110221 | FAY-GBC-1-C-110221 | FAY-GBC-1-D-110221 | FAY-LTW-01-A-110421 | FAY-LTW-01-B-110421 | FAY-LTW-01-C-110421 | FAY-LTW-01-D-110421 |
| Sample Date | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/04/2021 | 11/04/2021 | 11/04/2021 | 11/04/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-81365-3 | 320-81365-4 | 410-62129-3 | 410-62129-4 | 320-81683-1 | 320-81683-2 | 410-62938-1 | 410-62938-2 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max |
| HFPO Dimer Acid | **510** | **480** | **290 J** | **460** | **19,000** | **17,000 J** | **13,000** | **16,000** |
| PFMOAA | **60** | **72** | **56** | **120** | **19,000 J** | **20,000 J** | **18,000** | **17,000** |
| PFO2HxA | **310** | **280** | **300** | **340** | **20,000 J** | **19,000 J** | **22,000** | **15,000** |
| PFO3OA | **49** | **56** | **48** | **53** | **4,400** | **3,900 J** | **4,900** | **3,000** |
| PFO4DA | **14** | **16** | **15** | **16** | **1,100** | **790 J** | **1,200** | **1,100** |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.1 | **170** | **180 J** | **190** | **210** |
| PMPA | **590** | **600** | **550** | **700** | **14,000 J** | **14,000 J** | **15,000** | **11,000** |
| PEPA | **210** | **220** | **170** | **200** | **5,800** | **5,200 J** | **6,300** | **3,400** |
| PS Acid | <2.0 | <3.3 | <2.0 | <8.1 UJ | <4.9 | <50 UJ | <20 | <93 UJ |
| Hydro-PS Acid | **18** | **23** | **18** | **18** | **260** | **280 J** | **290** | **290** |
| R-PSDA | **31 J** | **28 J** | **34 J** | **64 J** | **770 J** | **600 J** | **1,400 J** | **1,400 J** |
| Hydrolyzed PSDA | <2.0 | <2.2 UJ | <2.0 | <1.6 | **370 J** | **360 J** | **930 J** | **630 J** |
| R-PSDCA | <2.0 | <3.0 | <2.0 | <1.6 | **5.4** | <180 UJ | <20 | **8.5 J** |
| NVHOS | **3.2** | <3.0 | <2.0 | **3.3** | **280** | **280 J** | **310** | **260 J** |
| EVE Acid | <2.0 | <3.3 UJ | <2.0 | <8.2 | <4.3 | <50 UJ | <20 | <9.4 |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | **2.0** | **100** | **110 J** | **100** | **140 J** |
| R-EVE | **17 J** | **17 J** | <2.0 | **27 J** | **520 J** | **460 J** | **790 J** | **710 J** |
| PES | <2.0 | <2.0 | <2.0 | <1.6 | <2.0 | <36 UJ | <20 | <1.9 |
| PFECA B | <2.0 | <2.0 | <2.0 | <1.6 | <6.6 | <78 UJ | <20 | <1.9 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.6 | <12 | <36 UJ | <20 | <19 |
| Perfluoroheptanoic Acid | **2.6** | <2.0 | <2.0 | **2.1** | **54** | **36 J** | **39** | **40** |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | LTW-05 | | | | OLDOF-2 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-LTW-05-A-111721 | FAY-LTW-05-B-111721 | FAY-LTW-05-C-111721 | FAY-LTW-05-D-111721 | FAY-OLDOF-2-A-111521 | FAY-OLDOF-2-B-111521 | FAY-OLDOF-2-C-111521 | FAY-OLDOF-2-D-111521 |
| Sample Date | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82194-5 | 320-82194-6 | 410-64569-13 | 410-64569-14 | 320-81929-3 | 320-81929-4 | 410-63715-11 | 410-63715-12 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max |
| HFPO Dimer Acid | **13,000** | **14,000** | **12,000** | **9,400** | **8.5** | **7.3 J** | <2.0 | **6.8** |
| PFMOAA | **110,000** | **110,000** | **98,000** | **89,000 J** | <20 | **34** | **30** | **41** |
| PFO2HxA | **33,000** | **29,000** | **38,000** | **21,000** | <6.7 | <14 | **13** | **12** |
| PFO3OA | **9,700 J** | **11,000** | **8,700** | **5,900** | <9.9 | <22 | **3.8** | **3.8** |
| PFO4DA | **2,100 J** | **1,400** | **2,200** | **1,600** | <15 | <10 | <2.0 | **1.7** |
| PFO5DA | <78 | <500 | <20 | <44 | <19 | <25 | <2.0 | <4.3 |
| PMPA | **3,600** | **3,300** | **3,400** | **2,800** | <10 | **6.2 J** | <10 | **6.1** |
| PEPA | **490 J** | **410** | **430** | **290 J** | <20 | **2.2 J** | <20 | **1.9** |
| PS Acid | <20 | <200 UJ | <20 | <88 UJ | <2.0 | <2.0 UJ | <2.0 | <8.5 UJ |
| Hydro-PS Acid | **170** | **220** | **210** | **140** | <2.0 | <11 | <2.0 | <1.7 |
| R-PSDA | **500 J** | **440 J** | **650 J** | **400 J** | <2.0 | <2.0 UJ | <2.0 | <1.7 |
| Hydrolyzed PSDA | **790 J** | **780 J** | **2,300 J** | **730 J** | <2.0 | <2.0 UJ | <2.0 | <1.7 |
| R-PSDCA | **19 J** | <700 UJ | **21** | <18 | <2.0 | <3.0 UJ | <2.0 | <1.7 |
| NVHOS | **860** | **870** | **840** | **690** | <3.7 | <33 | <2.0 | <1.7 |
| EVE Acid | <17 | <200 UJ | <20 | <88 UJ | <4.3 | <10 | <2.0 | <8.5 UJ |
| Hydro-EVE Acid | **740** | **770** | **830** | **540** | <3.6 | <6.0 | <2.0 | <1.7 |
| R-EVE | **610 J** | **500 J** | **980 J** | **400 J** | <2.0 | <2.0 UJ | <2.0 | <1.7 |
| PES | <6.7 | <150 | <20 | <18 | <2.0 | <2.0 UJ | <2.0 | <1.7 |
| PFECA B | <27 | <310 | <20 | <18 | <2.0 | <2.0 UJ | <2.0 | <1.7 |
| PFECA-G | <48 | <150 | **240** | <18 | <12 | <7.3 | <2.0 | <1.7 |
| Perfluoroheptanoic Acid | **310** | **230** | **220** | **200** | <2.0 | <2.0 UJ | <2.0 | <1.7 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | PIW-1D | | | | PW-09 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-PIW-1D-A-111621 | FAY-PIW-1D-B-111621 | FAY-PIW-1D-C-111621 | FAY-PIW-1D-D-111621 | FAY-PW-09-A-111621 | FAY-PW-09-B-111621 | FAY-PW-09-C-111621 | FAY-PW-09-D-111621 |
| Sample Date | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82205-7 | 320-82205-8 | 410-64569-7 | 410-64569-8 | 320-82205-3 | 320-82205-4 | 410-64569-3 | 410-64569-4 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max |
| HFPO Dimer Acid | **9,600** | **9,200** | **7,400** | **7,500** | <2.0 | <4.0 | <2.0 | <2.7 |
| PFMOAA | **8,500** | **9,300 J** | **7,600** | **7,600** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| PFO2HxA | **7,800 J** | **8,500 J** | **8,700** | **5,500** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| PFO3OA | **1,500 J** | **1,400 J** | **1,300** | **1,200** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| PFO4DA | **350 J** | **270 J** | **340** | **290** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| PFO5DA | <7.8 | <50 UJ | **3.3** | <4.8 | <2.0 | <2.0 UJ | <2.0 | <4.4 |
| PMPA | **6,900 J** | **8,000 J** | **7,400** | **5,400** | <10 | <2.0 UJ | <10 | <1.8 |
| PEPA | **2,600 J** | **2,500 J** | **3,000** | **1,800** | <20 | <2.0 UJ | <20 | <1.8 |
| PS Acid | <2.0 UJ | <20 UJ | <2.0 | <9.6 UJ | <2.0 | <2.0 UJ | <2.0 | <8.9 UJ |
| Hydro-PS Acid | **55 J** | **73 J** | **64** | **60** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| R-PSDA | **300 J** | **280 J** | **470 J** | **320 J** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| Hydrolyzed PSDA | **23 J** | **30 J** | **69 J** | **46 J** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| R-PSDCA | **2.2 J** | <70 UJ | **2.2** | **2.8** | <2.0 | <3.0 UJ | <2.0 | <1.8 |
| NVHOS | **110 J** | **140 J** | **94** | **110** | <2.0 | <3.0 UJ | <2.0 | <1.8 |
| EVE Acid | <2.0 UJ | <20 UJ | <2.0 | <9.6 UJ | <2.0 | <2.0 UJ | <2.0 | <8.9 UJ |
| Hydro-EVE Acid | **25 J** | **28 J** | **29** | **25** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| R-EVE | **210 J** | **190 J** | **360 J** | **240 J** | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| PES | <2.0 UJ | <15 | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFECA B | <2.7 UJ | <31 | <2.0 | **18 J** | <2.0 | <2.0 | <2.0 | <1.8 |
| PFECA-G | <4.8 UJ | <15 UJ | <2.0 | <1.9 | <2.0 | <2.0 UJ | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | **20** | **13** | **14** | **13** | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | SEEP-A-INF | | | | SMW-10 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-SEEP-A-INF-A-111521 | FAY-SEEP-A-INF-B-111521 | FAY-SEEP-A-INF-C-111521 | FAY-SEEP-A-INF-D-111521 | FAY-SMW-10-A-110321 | FAY-SMW-10-B-110321 | FAY-SMW-10-C-110321 | FAY-SMW-10-D-110321 |
| Sample Date | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-81929-5 | 320-81929-6 | 410-63715-13 | 410-63715-14 | 320-81365-7 | 320-81365-8 | 410-62129-7 | 410-62129-8 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max |
| HFPO Dimer Acid | **29,000** | **27,000** | **24,000** | **29,000** | **2.1** | <4.0 | <2.0 UJ | <2.7 |
| PFMOAA | **73,000** | **80,000** | **69,000** | **78,000 J** | **59 J** | **64** | **58** | **96** |
| PFO2HxA | **39,000** | **46,000** | **47,000** | **26,000** | **4.4** | **4.3** | **4.3** | **5.5** |
| PFO3OA | **14,000** | **16,000** | **14,000** | **8,800** | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO4DA | **8,500** | **7,700** | **8,100** | **4,700** | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO5DA | **4,900** | **3,500** | **4,600** | **2,900** | <2.0 | <2.0 | <2.0 | <4.5 |
| PMPA | **15,000** | **17,000** | **18,000** | **11,000** | **14 J** | **12** | **11** | **15** |
| PEPA | **6,700** | **6,800** | **6,800** | **3,300** | <20 | <2.0 | <20 | <1.8 |
| PS Acid | **1,900** | **1,400** | **1,900** | **1,200 J** | <2.0 | <2.0 | <2.0 | <9.0 UJ |
| Hydro-PS Acid | **1,300** | **1,800** | **1,500** | **1,300** | <2.0 | <2.0 | <2.0 | <1.8 |
| R-PSDA | **2,700 J** | **2,500 J** | **3,900 J** | **2,900 J** | <2.0 | <2.0 UJ | <2.0 | <1.9 |
| Hydrolyzed PSDA | **29,000 J** | **31,000 J** | **77,000 J** | **32,000 J** | <2.0 | <2.0 UJ | <2.0 | <1.9 |
| R-PSDCA | **48** | <70 | **45** | **54** | <2.0 | <3.0 | <2.0 | <1.9 |
| NVHOS | **1,100** | **1,200** | **1,100** | **1,100** | <2.0 | <3.0 | <2.0 | <1.9 |
| EVE Acid | **250** | **170** | **220** | **190 J** | <2.0 | <2.0 UJ | <2.0 | <9.3 |
| Hydro-EVE Acid | **1,700** | **1,900** | **1,900** | **1,500** | <2.0 | <2.0 | <2.0 | <1.9 |
| R-EVE | **1,300 J** | **1,200 J** | **2,000 J** | **1,300 J** | <2.0 | <2.0 | <2.0 | <1.9 |
| PES | **37** | <15 | <20 | <17 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFECA B | **42** | <31 | <20 | <17 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFECA-G | <24 | <15 | <20 | <17 | <2.0 UJ | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | **170** | **110** | **97** | **90** | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 3**
**RESULTS OF ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | SMW-11 | | | | WC-1 | | | |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-SMW-11-A-111621 | FAY-SMW-11-B-111621 | FAY-SMW-11-C-111621 | FAY-SMW-11-D-111621 | FAY-WC-1-A-111521 | FAY-WC-1-B-111521 | FAY-WC-1-C-111521 | FAY-WC-1-D-111521 |
| Sample Date | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 |
| QA/QC | | | | | | | | |
| Lab Sample ID | 320-82205-1 | 320-82205-2 | 410-64569-1 | 410-64569-2 | 320-81929-1 | 320-81929-2 | 410-63715-9 | 410-63715-10 |
| Analytical Laboratory | SAC | | LANC | | SAC | | LANC | |
| Analytical Method | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max | T3+ | 537Mod Max |
| HFPO Dimer Acid | **3,500** | **4,600** | **3,400** | **3,200** | **530** | **470** | **450** | **410** |
| PFMOAA | **2,500** | **3,500 J** | **2,900** | **3,400** | **590** | **1,100** | **860** | **1,200** |
| PFO2HxA | **2,100** | **2,700 J** | **2,800** | **2,300** | **490** | **570** | **580** | **500** |
| PFO3OA | **370 J** | **450 J** | **390** | **410** | **99** | **91** | **90** | **98** |
| PFO4DA | **170 J** | **180 J** | **230** | **200** | **20** | **23** | **21** | **22** |
| PFO5DA | **8.3** | **11 J** | **10** | **10** | <2.0 | <2.0 | <2.0 | <4.1 |
| PMPA | **1,600** | **2,100 J** | **2,200** | **1,900** | **500** | **600** | **600** | **550** |
| PEPA | **560 J** | **570 J** | **680** | **500** | **150** | **150** | **150** | **130** |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.0 UJ | <2.0 | <2.0 | <2.0 | <8.2 UJ |
| Hydro-PS Acid | **38** | **59 J** | **48** | **48** | **11** | **17** | **12** | **13** |
| R-PSDA | **90 J** | **130 J** | **160 J** | **260 J** | **45 J** | **110 J** | **39 J** | **84 J** |
| Hydrolyzed PSDA | **6.8 J** | **15 J** | **29 J** | **39 J** | **270 J** | **330 J** | **340 J** | **190 J** |
| R-PSDCA | <2.0 | <7.0 UJ | <2.0 | **1.8** | <2.0 | <3.0 | <2.0 | <1.7 |
| NVHOS | **55** | **78 J** | **55** | **60** | **17** | **22** | **18** | **17** |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | <9.0 UJ | <2.0 | <2.0 | <2.0 | <8.2 UJ |
| Hydro-EVE Acid | **14** | **17 J** | **18** | **17** | **7.8** | **10** | **8.4** | **8.9** |
| R-EVE | **73 J** | **110 J** | **140 J** | **150 J** | **25 J** | **65 J** | **29 J** | **43 J** |
| PES | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFECA B | <2.0 | <3.1 | <2.0 | **6.7** | <2.0 | <2.0 | <2.0 | <1.6 |
| PFECA-G | <2.4 | <2.0 UJ | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.6 |
| Perfluoroheptanoic Acid | **14** | **14** | **11** | **10** | **2.7** | **2.3** | **2.3** | **2.3** |

***Notes:***
**Bold** - analyte detected above associated reporting limit
J - analyte detected; reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - quality assurance/quality control
SDG - Sample Delivery Group
UJ – analyte not detected; reporting limit may not be accurate or precise
< - analyte not detected above associated reporting limit
-- - analyte not on Consent Order Attachment C list; not analyzed

**TABLE 4**
**PERCENT DIFFERENCE IN ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT SAC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | Total Number of Results | Number of Results That Are the Same (Within ±50%) | Number of Results That Are Different by More Than ±50% | 537MM Result is Higher by More Than 50% | T3+/T6 Result is Higher by More Than 50% |
|---|---|---|---|---|---|
| HFPO Dimer Acid | 25 | 25 | 0 | 0 | 0 |
| PFMOAA | 28 | 26 | 2 | 2 | 0 |
| PFO2HxA | 29 | 28 | 1 | 1 | 0 |
| PFO3OA | 22 | 21 | 1 | 1 | 0 |
| PFO4DA | 16 | 15 | 1 | 1 | 0 |
| PFO5DA | 5 | 5 | 0 | 0 | 0 |
| PMPA | 28 | 27 | 1 | 0 | 1 |
| PEPA | 24 | 21 | 3 | 0 | 3 |
| PS Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-PS Acid | 20 | 19 | 1 | 1 | 0 |
| R-PSDA | 8 | 6 | 2 | 2 | 0 |
| Hydrolyzed PSDA | 7 | 6 | 1 | 1 | 0 |
| R-PSDCA | 0 | 0 | 0 | 0 | 0 |
| NVHOS | 7 | 7 | 0 | 0 | 0 |
| EVE Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-EVE Acid | 6 | 6 | 0 | 0 | 0 |
| R-EVE | 7 | 6 | 1 | 1 | 0 |
| PES | 0 | 0 | 0 | 0 | 0 |
| PFECA B | 0 | 0 | 0 | 0 | 0 |
| PFECA-G | 0 | 0 | 0 | 0 | 0 |
| Perfluoroheptanoic Acid | 14 | 14 | 0 | 0 | 0 |
| ***Total*** | ***248*** | ***234*** | ***14*** | ***10*** | ***4*** |
| | ***100.0%*** | ***94.4%*** | ***5.6%*** | ***4.0%*** | ***1.6%*** |

*Notes:*
537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

**TABLE 5**
**PERCENT DIFFERENCE IN ANALYSIS OF SAMPLES BY 537MM AND T3+/T6 AT LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | Total Number of Results | Number of Results That Are the Same (Within ±50%) | Number of Results That Are Different by More Than ±50% | 537MM Result is Higher by More Than 50% | T3+/T6 Result is Higher by More Than 50% |
|---|---|---|---|---|---|
| HFPO Dimer Acid | 23 | 21 | 2 | 2 | 0 |
| PFMOAA | 27 | 22 | 5 | 5 | 0 |
| PFO2HxA | 29 | 27 | 2 | 0 | 2 |
| PFO3OA | 22 | 22 | 0 | 0 | 0 |
| PFO4DA | 16 | 15 | 1 | 0 | 1 |
| PFO5DA | 5 | 4 | 1 | 1 | 0 |
| PMPA | 27 | 22 | 5 | 0 | 5 |
| PEPA | 23 | 13 | 10 | 0 | 10 |
| PS Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-PS Acid | 20 | 20 | 0 | 0 | 0 |
| R-PSDA | 7 | 5 | 2 | 2 | 0 |
| Hydrolyzed PSDA | 7 | 4 | 3 | 0 | 3 |
| R-PSDCA | 2 | 2 | 0 | 0 | 0 |
| NVHOS | 7 | 7 | 0 | 0 | 0 |
| EVE Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-EVE Acid | 6 | 6 | 0 | 0 | 0 |
| R-EVE | 6 | 5 | 1 | 0 | 1 |
| PES | 0 | 0 | 0 | 0 | 0 |
| PFECA B | 0 | 0 | 0 | 0 | 0 |
| PFECA-G | 0 | 0 | 0 | 0 | 0 |
| Perfluoroheptanoic Acid | 14 | 14 | 0 | 0 | 0 |
| ***Total*** | ***243*** | ***211*** | ***32*** | ***10*** | ***22*** |
| | ***100.0%*** | ***86.8%*** | ***13.2%*** | ***4.1%*** | ***9.1%*** |

*Notes:*
537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

**TABLE 6**
**BLAND-ALTMAN ANALYSIS OF 537MM AND T3+/T6 RESULTS AT SAC AND AT LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | SAC | LANC |
|---|---|---|
| | Mean Percent Difference | Mean Percent Difference |
| HFPO Dimer Acid | -4% | 6% |
| PFMOAA | 13% | 33% |
| PFO2HxA | 12% | -5% |
| PFO3OA | 6% | 2% |
| PFO4DA | -9% | -7% |
| PFO5DA | -1% | 8% |
| PMPA | -9% | -30% |
| PEPA | -17% | -45% |
| PS Acid | -- | -- |
| Hydro-PS Acid | 31% | -6% |
| R-PSDA | 21% | 9% |
| Hydrolyzed PSDA | 22% | -41% |
| R-PSDCA | -- | -- |
| NVHOS | 19% | -5% |
| EVE Acid | -- | -- |
| Hydro-EVE Acid | 13% | -7% |
| R-EVE | 12% | -22% |
| PES | -- | -- |
| PFECA B | -- | -- |
| PFECA-G | -- | -- |
| Perfluoroheptanoic Acid | -21% | -15% |

*Notes:*

percent difference - a positive percent difference means the average 537MM result is higher than the average T3+/T6 result, and a negative percentdifference means the average 537MM result is lower than the average T3+/T6 result

-- - percent difference cannot be calculated; there are fewer than 3 pairs with 2 detects

537MM - USEPA Method 537Mod Max

LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)

SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

T3+/T6 - Method Table 3+ plus Method Table 6

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-EQBLK-PP-A-110221 | FAY-EQBLK-PP-B-110221 | FAY-EQBLK-PP-C-110221 | FAY-EQBLK-PP-D-110221 | FAY-EQBLK-PP-A-110321 | FAY-EQBLK-PP-B-110321 | FAY-EQBLK-PP-C-110321 | FAY-EQBLK-PP-D-110321 |
| Sample Date | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Lab Sample ID | 320-81365-15 | 320-81365-16 | 410-62129-15 | 410-62129-16 | 320-81365-17 | 320-81365-18 | 410-62129-17 | 410-62129-18 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.6 | <2.0 | <4.0 | <2.0 | <2.6 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.4 | <2.0 | <2.0 | <2.0 | <4.3 |
| PMPA | <10 | <2.0 | <10 | <1.8 | <10 | <2.0 | <10 | <1.7 |
| PEPA | <20 | <2.0 | <20 | <1.8 | <20 | <2.0 | <20 | <1.7 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <8.8 UJ | <2.0 | <2.0 UJ | <2.0 | <8.7 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| R-PSDCA | <2.0 | <3.0 | <2.0 | -- | <2.0 | <3.0 | <2.0 | -- |
| NVHOS | <2.0 | <3.0 | <2.0 | -- | <2.0 | <3.0 | <2.0 | -- |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| R-EVE | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PES | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PFECA B | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-EQBLK-PP-A-110421 | FAY-EQBLK-PP-B-110421 | FAY-EQBLK-PP-C-110421 | FAY-EQBLK-PP-D-110421 | FAY-EQBLK-IS-A-111521 | FAY-EQBLK-IS-B-111521 | FAY-EQBLK-IS-C-111521 | FAY-EQBLK-IS-D-111521 |
| Sample Date | 11/04/2021 | 11/04/2021 | 11/04/2021 | 11/04/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Lab Sample ID | 320-81683-3 | 320-81683-4 | 410-62938-3 | 410-62938-4 | 320-81928-7 | 320-81928-8 | 410-63715-7 | 410-63715-8 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 UJ | <2.0 | <2.8 | <2.0 | <4.0 | <2.0 | <2.9 |
| PFMOAA | **3.1** | <2.0 UJ | <2.0 | **5.1** | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO2HxA | <2.0 | <2.0 UJ | <2.0 | **3.6** | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO3OA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO4DA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO5DA | <2.0 | <2.0 UJ | <2.0 | <4.7 | <2.0 | <2.0 | <2.0 | <4.8 |
| PMPA | <10 | <2.0 UJ | <10 | **1.9** | <10 | <2.0 | <10 | <1.9 |
| PEPA | <20 | <2.0 UJ | <20 | <1.9 | <20 | <2.0 | <20 | <1.9 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | <2.0 | <2.0 UJ | <2.0 | <9.6 UJ |
| Hydro-PS Acid | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| R-PSDCA | <2.0 | <3.0 UJ | <2.0 | -- | <2.0 | <3.0 | <2.0 | <1.9 |
| NVHOS | <2.0 | <3.0 UJ | <2.0 | -- | <2.0 | <3.0 | <2.0 | <1.9 |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | <9.6 UJ |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| R-EVE | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| PES | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 | <2.0 | <1.9 |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.9 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | EB | EB | EB | EB |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-EQBLK-PP-A-111621 | FAY-EQBLK-PP-A-111621-Z | FAY-EQBLK-PP-B-111621 | FAY-EQBLK-PP-B-111621-Z | FAY-EQBLK-PP-C-111621 | FAY-EQBLK-PP-C-111621-Z | FAY-EQBLK-PP-D-111621 | FAY-EQBLK-PP-D-111621-Z |
| Sample Date | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank |
| Lab Sample ID | 320-82194-1 | 320-82194-3 | 320-82194-2 | 320-82194-4 | 410-64569-9 | 410-64569-11 | 410-64569-10 | 410-64569-12 |
| Analytical Laboratory | SAC | SAC | SAC | SAC | LANC | LANC | LANC | LANC |
| Analytical Method | T3+/T6 | T3+/T6 | 537Mod Max | 537Mod Max | T3+/T6 | T3+/T6 | 537Mod Max | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <2.0 | <4.0 | <4.0 | <2.0 | <2.0 | <2.7 | <2.9 |
| PFMOAA | <2.0 | **2.3** | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <4.5 | <4.8 |
| PMPA | <10 | <10 | <2.0 | <2.0 | <10 | <10 | <1.8 | <1.9 |
| PEPA | <20 | <20 | <2.0 | <2.0 | <20 | <20 | <1.8 | <1.9 |
| PS Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <9.1 UJ | <9.6 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| R-PSDA | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <1.8 | <1.9 |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| R-PSDCA | <2.0 | <2.0 | <3.0 | <3.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| NVHOS | <2.0 | <2.0 | <3.0 | <3.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| EVE Acid | <2.0 | <2.0 | <2.0 UJ | <2.0 UJ | <2.0 | <2.0 | <9.1 UJ | <9.6 UJ |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| R-EVE | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PES | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFECA B | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| PFECA-G | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <1.8 | <1.9 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | EB | EB | EB | EB | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-EQBLK-PP-A-111721 | FAY-EQBLK-PP-B-111721 | FAY-EQBLK-PP-C-111721 | FAY-EQBLK-PP-D-111721 | FAY-FBLK-A-110121 | FAY-FBLK-B-110121 | FAY-FBLK-C-110121 | FAY-FBLK-D-110121 |
| Sample Date | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/01/2021 | 11/01/2021 | 11/01/2021 | 11/01/2021 |
| QA/QC | Equipment Blank | Equipment Blank | Equipment Blank | Equipment Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-82194-7 | 320-82194-8 | 410-64569-15 | 410-64569-16 | 320-81365-9 | 320-81365-10 | 410-62129-9 | 410-62129-10 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.8 | <2.0 | <4.0 | -- | <2.6 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | -- | <1.7 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | -- | <1.7 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | -- | <1.7 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | -- | <1.7 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 | <2.0 | -- | <4.3 |
| PMPA | <10 | <2.0 | <10 | <1.9 | <2 UJ | <2.0 | <1.8 | <1.7 |
| PEPA | <20 | <2.0 | <20 | <1.9 UJ | <2 UJ | <2.0 | <1.8 | <1.7 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | <2.0 | <2.0 UJ | -- | <8.6 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | -- | <1.7 |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | <1.9 UJ | -- | -- | -- | -- |
| Hydrolyzed PSDA | <2.0 | <2.0 | <2.0 | <1.9 UJ | -- | -- | -- | -- |
| R-PSDCA | <2.0 | <3.0 | <2.0 | <1.9 | -- | -- | -- | -- |
| NVHOS | <2.0 | <3.0 | <2.0 | <1.9 | -- | -- | -- | -- |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | -- | -- | -- | -- |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | <1.9 | -- | -- | -- | -- |
| R-EVE | <2.0 | <2.0 | <2.0 | <1.9 UJ | -- | -- | -- | -- |
| PES | <2.0 | <2.0 | <2.0 | <1.9 | -- | -- | -- | -- |
| PFECA B | <2.0 | <2.0 | <2.0 | <1.9 | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | | <1.7 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <2.0 | | <1.7 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-FBLK-A-110221 | FAY-FBLK-B-110221 | FAY-FBLK-C-110221 | FAY-FBLK-D-110221 | FAY-FBLK-A-110321 | FAY-FBLK-B-110321 | FAY-FBLK-C-110321 | FAY-FBLK-D-110321 |
| Sample Date | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/02/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 | 11/03/2021 |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-81365-11 | 320-81365-12 | 410-62129-11 | 410-62129-12 | 320-81365-13 | 320-81365-14 | 410-62129-13 | 410-62129-14 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.7 | <2.0 | <4.0 | <2.0 | <2.6 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 | <2.0 | <4.3 |
| PMPA | <10 | <2.0 | <10 | <1.8 | <10 | <2.0 | <10 | <1.7 |
| PEPA | <20 | <2.0 | <20 | <1.8 | <20 | <2.0 | <20 | <1.7 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.0 UJ | <2.0 | <2.0 UJ | <2.0 | <8.5 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| R-PSDCA | <2.0 | <3.0 | <2.0 | -- | <2.0 | <3.0 | <2.0 | -- |
| NVHOS | <2.0 | <3.0 | <2.0 | -- | <2.0 | <3.0 | <2.0 | -- |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | <2.0 | <2.0 UJ | <2.0 | -- |
| Hydro-EVE Acid | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| R-EVE | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PES | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PFECA B | <2.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 | <2.0 | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.7 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-FBLK-A-110421 | FAY-FBLK-B-110421 | FAY-FBLK-C-110421 | FAY-FBLK-D-110421 | FAY-FBLK-A-111221 | FAY-FBLK-B-111221 | FAY-FBLK-C-111221 | FAY-FBLK-D-111221 |
| Sample Date | 11/04/2021 | 11/04/2021 | 11/04/2021 | 11/04/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-81683-5 | 320-81683-6 | 410-62938-5 | 410-62938-6 | 320-81928-3 | 320-81928-4 | 410-63715-3 | 410-63715-4 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 UJ | <2.0 | <2.8 | <2.0 | <4.0 | <2.0 | <2.7 UJ |
| PFMOAA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| PFO2HxA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| PFO3OA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| PFO4DA | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| PFO5DA | <2.0 | <2.0 UJ | <2.0 | <4.7 | <2.0 | <2.0 | <2.0 | <4.5 UJ |
| PMPA | <10 | <2.0 UJ | <10 | <1.9 | <2 | <2.0 | <1.9 | <1.8 UJ |
| PEPA | <20 | <2.0 UJ | <20 | <1.9 | <2 | <2.0 | <1.9 | <1.8 UJ |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.3 UJ | <2.0 | <2.0 UJ | <2.0 | <8.9 UJ |
| Hydro-PS Acid | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| R-PSDA | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| R-PSDCA | <2.0 | <3.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| NVHOS | <2.0 | <3.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| R-EVE | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| PES | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| PFECA B | <2.0 | <2.0 UJ | <2.0 | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |
| Perfluoroheptanoic Acid | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <2.0 | <2.0 | <1.8 UJ |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-FBLK-A-111521 | FAY-FBLK-B-111521 | FAY-FBLK-C-111521 | FAY-FBLK-D-111521 | FAY-FBLK-A-111621 | FAY-FBLK-B-111621 | FAY-FBLK-C-111621 | FAY-FBLK-D-111621 |
| Sample Date | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/15/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 | 11/16/2021 |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-81928-5 | 320-81928-6 | 410-63715-5 | 410-63715-6 | 320-81927-3 | 320-81927-4 | 410-63926-7 | 410-63926-8 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.7 | <2.0 | <4.0 | <2.0 | <2.8 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 UJ |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.5 | <2.0 | <2.0 | <2.0 | <4.7 |
| PMPA | <2 | <2.0 | <1.9 | <1.8 | <2 | <2.0 | <1.9 | <1.9 UJ |
| PEPA | <2 | <2.0 | <1.9 | <1.8 | <2 | <2.0 | <1.9 | <1.9 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.0 UJ | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |
| R-PSDA | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| R-PSDCA | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| NVHOS | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| EVE Acid | -- | -- | <2.0 | <9.0 UJ | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| R-EVE | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| PES | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| PFECA B | -- | -- | <2.0 | <1.8 | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.9 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-FBLK-A-111721 | FAY-FBLK-B-111721 | FAY-FBLK-C-111721 | FAY-FBLK-D-111721 | FAY-FBLK-A-111821 | FAY-FBLK-B-111821 | FAY-FBLK-C-111821 | FAY-FBLK-D-111821 |
| Sample Date | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/17/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 | 11/18/2021 |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-82186-1 | 320-82186-2 | 410-64616-1 | 410-64616-2 | 320-82186-5 | 320-82186-6 | 410-64616-5 | 410-64616-6 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | SAC | SAC | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.7 | <2.0 | <4.0 | <2.0 | <2.7 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.6 | <2.0 | <2.0 | <2.0 | <4.4 |
| PMPA | <2 | <2.0 | <1.9 | <1.8 | <2 | <2.0 | <1.8 | <1.8 |
| PEPA | <2 | <2.0 | <1.9 | <1.8 UJ | <2 | <2.0 | <1.8 | <1.8 UJ |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.1 UJ | <2.0 | <2.0 UJ | <2.0 | <8.9 UJ |
| Hydro-PS Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.8 | <2.0 | <2.0 | <2.0 | <1.8 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK | FBLK |
|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-FBLK-A-111921 | FAY-FBLK-B-111921 | FAY-FBLK-C-111921 | FAY-FBLK-D-111921 | FAY-FBLK-C-113021 | FAY-FBLK-D-113021 | FAY-FBLK-A-120221 | FAY-FBLK-B-120221 |
| Sample Date | 11/19/2021 | 11/19/2021 | 11/19/2021 | 11/19/2021 | 11/30/2021 | 11/30/2021 | 12/02/2021 | 12/02/2021 |
| QA/QC | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank | Field Blank |
| Lab Sample ID | 320-82210-7 | 320-82210-8 | 410-64593-7 | 410-64593-8 | 410-65641-7 | 410-65641-8 | 320-82505-3 | 320-82505-4 |
| Analytical Laboratory | SAC | SAC | LANC | LANC | LANC | LANC | SAC | SAC |
| Analytical Method | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <4.0 | <2.0 | <2.8 | <2.0 | <2.9 | <2.0 | <4.0 |
| PFMOAA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| PFO2HxA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| PFO3OA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| PFO4DA | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| PFO5DA | <2.0 | <2.0 | <2.0 | <4.7 | <2.0 | <4.8 | <2.0 | <2.0 |
| PMPA | <2 | <2.0 | <1.8 | <1.9 | <1.8 | <1.9 | <2 | <2.0 |
| PEPA | <2 | <2.0 | <1.8 | <1.9 UJ | <1.8 | <1.9 | <2 | <2.0 |
| PS Acid | <2.0 | <2.0 UJ | <2.0 | <9.4 UJ | <2.0 | <9.6 UJ | <2.0 | <2.0 UJ |
| Hydro-PS Acid | <2.0 | <2.0 UJ | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | <2.0 | <1.9 | <2.0 | <1.9 | <2.0 | <2.0 |

**TABLE 7**
**RESULTS OF ANALYSIS OF EQUIPMENT BLANKS AND FIELD BLANKS**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | FBLK | FBLK |
|---|---|---|
| Field Sample ID | FAY-FBLK-C-120221 | FAY-FBLK-D-120221 |
| Sample Date | 12/02/2021 | 12/02/2021 |
| QA/QC | Field Blank | Field Blank |
| Lab Sample ID | 410-65653-3 | 410-65653-4 |
| Analytical Laboratory | LANC | LANC |
| Analytical Method | T3+/T6 | 537Mod Max |
| HFPO Dimer Acid | <2.0 | <2.9 |
| PFMOAA | <2.0 | <1.9 |
| PFO2HxA | <2.0 | <1.9 |
| PFO3OA | <2.0 | <1.9 |
| PFO4DA | <2.0 | <1.9 |
| PFO5DA | <2.0 | <4.8 |
| PMPA | <1.9 | <1.9 |
| PEPA | <1.9 | <1.9 |
| PS Acid | <2.0 | <9.5 UJ |
| Hydro-PS Acid | <2.0 | <1.9 |
| R-PSDA | -- | -- |
| Hydrolyzed PSDA | -- | -- |
| R-PSDCA | -- | -- |
| NVHOS | -- | -- |
| EVE Acid | -- | -- |
| Hydro-EVE Acid | -- | -- |
| R-EVE | -- | -- |
| PES | -- | -- |
| PFECA B | -- | -- |
| PFECA-G | <2.0 | <1.9 |
| Perfluoroheptanoic Acid | <2.0 | <1.9 |

***Notes:***

**Bold** - analyte detected above associated reporting limit
J - analyte detected; reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - quality assurance/quality control
SDG - Sample Delivery Group
UJ – analyte not detected; reporting limit may not be accurate or precise
< - analyte not detected above associated reporting limit
-- - analyte not on Consent Order Attachment C list; not analyzed

**TABLE 8**
**RESULTS OF ANALYSIS OF FIELD DUPLICATES**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | CHEMOURS PLANT DRC WELL-W1 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-6701DERCR-A-111921 | FAY-6701DERCR-A-111921-D | Relative Percent Difference (%) | FAY-6701DERCR-B-111921 | FAY-6701DERCR-B-111921-D | Relative Percent Difference (%) | FAY-6701DERCR-C-111921 | FAY-6701DERCR-C-111921-D | Relative Percent Difference (%) | FAY-6701DERCR-D-111921 | FAY-6701DERCR-D-111921-D | Relative Percent Difference (%) |
| Sample Date | 11/19/2021 | 11/19/2021 | | 11/19/2021 | 11/19/2021 | | 11/19/2021 | 11/19/2021 | | 11/19/2021 | 11/19/2021 | |
| QA/QC | | DUP | | | DUP | | | DUP | | | DUP | |
| Lab Sample ID | 320-82210-3 | 320-82210-5 | | 320-82210-4 | 320-82210-6 | | 410-64593-3 | 410-64593-5 | | 410-64593-4 | 410-64593-6 | |
| Analytical Laboratory | SAC | SAC | | SAC | SAC | | LANC | LANC | | LANC | LANC | |
| Analytical Method | T3+/T6 | T3+/T6 | | 537Mod Max | 537Mod Max | | T3+/T6 | T3+/T6 | | 537Mod Max | 537Mod Max | |
| HFPO Dimer Acid | **56** | **58** | **1.8** | **56** | **55** | **0.9** | **39** | **35** | **5.4** | **41** | **43** | **2.4** |
| PFMOAA | **11 J** | **9.0** | **10** | **9.4** | **9.2** | **1.1** | **9.3** | **9.3** | **0.0** | **13 J** | **58 J** | **63** |
| PFO2HxA | **21** | **20** | **2.4** | **28** | **29** | **1.8** | **23** | **23** | **0.0** | **22 J** | **30 J** | **15** |
| PFO3OA | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <1.8 | **3.9 J** | **> 37** |
| PFO4DA | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <1.8 | <1.8 | --- |
| PFO5DA | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <4.6 | <4.6 | --- |
| PMPA | **120** | **120** | **0.0** | **110** | **110** | **0.0** | **160** | **120** | **14** | **110** | **98** | **5.8** |
| PEPA | **20** | **20** | **0.0** | **24** | **24** | **0.0** | **25** | **16 J** | **22** | **18** | **14 J** | **12** |
| PS Acid | <2.0 | <2.0 | -- | <2.0 UJ | <2.0 UJ | -- | <2.0 | <2.0 | -- | <9.1 UJ | <9.2 UJ | -- |
| Hydro-PS Acid | <2.0 | <2.0 | -- | <2.0 UJ | <2.0 UJ | -- | <2.0 | <2.0 | -- | <1.8 | <1.8 | -- |
| R-PSDA | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydrolyzed PSDA | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| R-PSDCA | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NVHOS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hydro-EVE Acid | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| R-EVE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PES | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA B | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PFECA-G | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <1.8 | <1.8 | --- |
| Perfluoroheptanoic Acid | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <1.8 | <1.8 | --- |

**TABLE 8**
**RESULTS OF ANALYSIS OF FIELD DUPLICATES**
**Chemours, Fayetteville Works, North Carolina**

| Location ID | GBC-1 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Field Sample ID | FAY-GBC-1-A-110221 | FAY-GBC-1-A-110221-D | Relative Percent Difference (%) | FAY-GBC-1-B-110221 | FAY-GBC-1-B-110221-D | Relative Percent Difference (%) | FAY-GBC-1-C-110221 | FAY-GBC-1-C-110221-D | Relative Percent Difference (%) | FAY-GBC-1-D-110221 | FAY-GBC-1-D-110221-D | Relative Percent Difference (%) |
| Sample Date | 11/02/2021 | 11/02/2021 | | 11/02/2021 | 11/02/2021 | | 11/02/2021 | 11/02/2021 | | 11/02/2021 | 11/02/2021 | |
| QA/QC | | DUP | | | DUP | | | DUP | | | DUP | |
| Lab Sample ID | 320-81365-3 | 320-81365-5 | | 320-81365-4 | 320-81365-6 | | 410-62129-3 | 410-62129-5 | | 410-62129-4 | 410-62129-6 | |
| Analytical Laboratory | SAC | SAC | | SAC | SAC | | LANC | LANC | | LANC | LANC | |
| Analytical Method | T3+ | T3+ | | 537Mod Max | 537Mod Max | | T3+ | T3+ | | 537Mod Max | 537Mod Max | |
| HFPO Dimer Acid | **510** | **500** | **1.0** | **480** | **440** | **4.3** | **290 J** | **340 J** | **7.9** | **460** | **460** | **0.0** |
| PFMOAA | **60** | **70** | **7.7** | **72** | **72** | **0.0** | **56** | **64** | **6.7** | **120** | **110** | **4.3** |
| PFO2HxA | **310** | **320** | **1.6** | **280** | **300** | **3.4** | **300** | **330** | **4.8** | **340** | **320** | **3.0** |
| PFO3OA | **49** | **48** | **1.0** | **56** | **58** | **1.8** | **48** | **52** | **4.0** | **53** | **50** | **2.9** |
| PFO4DA | **14** | **16** | **6.7** | **16** | **15** | **3.2** | **15** | **17** | **6.3** | **16** | **15** | **3.2** |
| PFO5DA | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <4.1 | <4.1 | --- |
| PMPA | **590** | **620** | **2.5** | **600** | **600** | **0.0** | **550** | **590** | **3.5** | **700** | **640** | **4.5** |
| PEPA | **210** | **200** | **2.4** | **220** | **210** | **2.3** | **170** | **200** | **8.1** | **200** | **190** | **2.6** |
| PS Acid | <2.0 | <2.0 | -- | <3.3 | <3.3 UJ | -- | <2.0 | <2.0 | -- | <8.1 UJ | <8.2 UJ | -- |
| Hydro-PS Acid | **18** | **19** | **2.7** | **23** | **21** | **4.5** | **18** | **20** | **5.3** | **18** | **16** | **5.9** |
| R-PSDA | **31 J** | **41 J** | **14** | **28 J** | **27 J** | **1.8** | **34 J** | **36 J** | **2.9** | **64 J** | **65 J** | **0.8** |
| Hydrolyzed PSDA | <2.0 | <2.0 | -- | <2.2 UJ | <2.2 UJ | -- | <2.0 | <2.0 | -- | <1.6 | <1.6 | -- |
| R-PSDCA | <2.0 | <2.0 | -- | <3.0 | <3.0 | -- | <2.0 | <2.0 | -- | <1.6 | <1.6 | -- |
| NVHOS | **3.2** | **3.5** | **4.5** | <3.0 | <3.0 | -- | <2.0 | <2.0 | -- | **3.3** | **3.1** | **3.1** |
| EVE Acid | <2.0 | <2.0 | -- | <3.3 UJ | <3.3 UJ | -- | <2.0 | <2.0 | -- | <8.2 | <8.2 | -- |
| Hydro-EVE Acid | <2.0 | <2.0 | -- | <2.0 | <2.0 | -- | <2.0 | **2.0** | **> 0.0** | **2.0** | **1.7** | **> 0.0** |
| R-EVE | **17 J** | **17 J** | **0.0** | **17 J** | **17 J** | **0.0** | <2.0 | **20 J** | **> 82** | **27 J** | **27 J** | **0.0** |
| PES | <2.0 | <2.0 | -- | <2.0 | <2.0 | -- | <2.0 | <2.0 | -- | <1.6 | <1.6 | -- |
| PFECA B | <2.0 | <2.0 | -- | <2.0 | <2.0 | -- | <2.0 | <2.0 | -- | <1.6 | <1.6 | -- |
| PFECA-G | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | <1.6 | <1.6 | --- |
| Perfluoroheptanoic Acid | **2.6** | **2.8** | **3.7** | <2.0 | <2.0 | --- | <2.0 | <2.0 | --- | **2.1** | **2.1** | **0.0** |

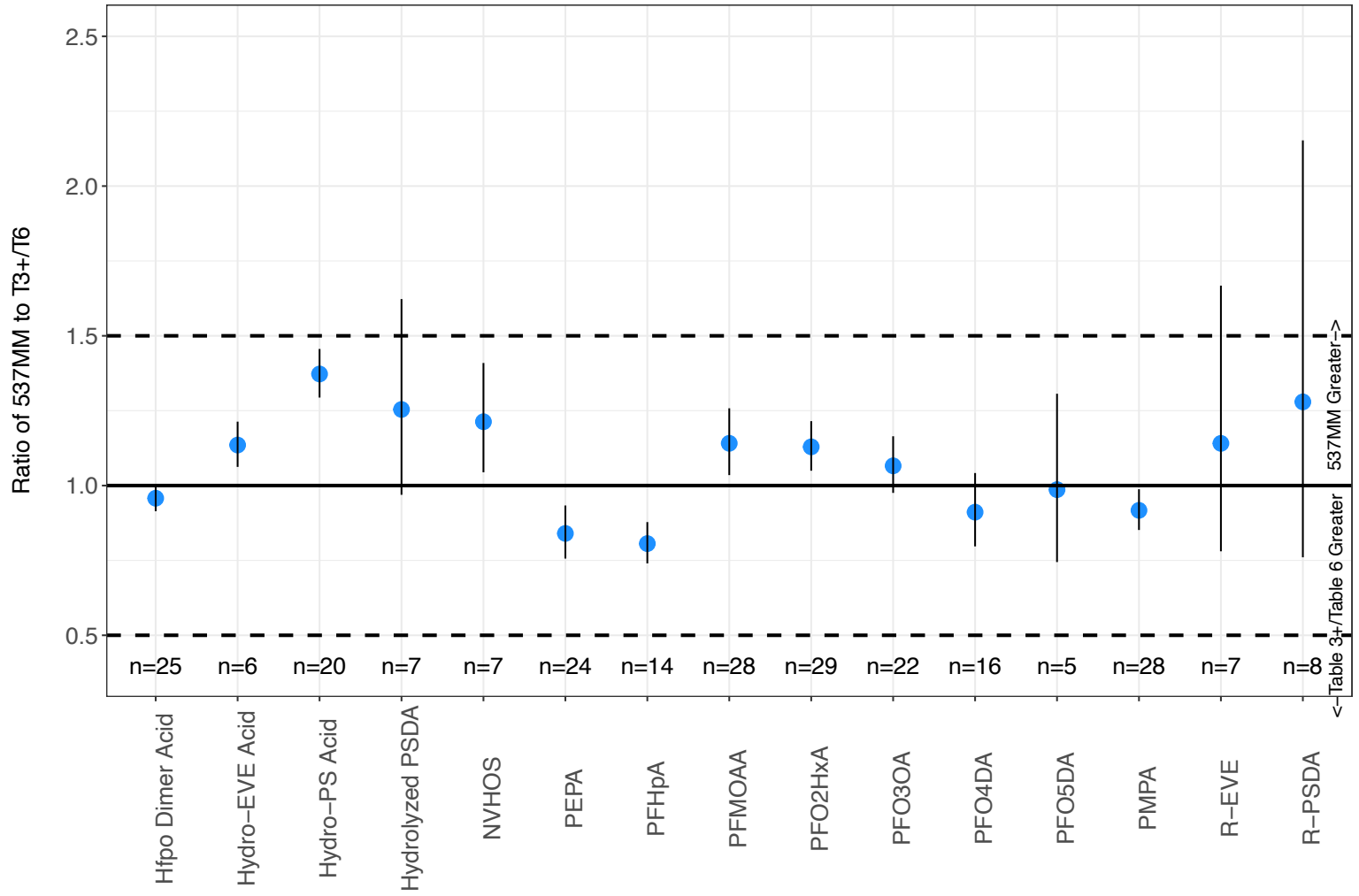
***Notes:***
**Bold** - analyte detected above associated reporting limit
J - analyte detected; reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - quality assurance/quality control
SDG - Sample Delivery Group
UJ – analyte not detected; reporting limit may not be accurate or precise
< - analyte not detected above associated reporting limit
> - greater than associated value
-- - analyte not on Consent Order Attachment C list; not analyzed
--- - both results are non-detect; relative percent difference not calculated

**TABLE 9**
**REPORTING LIMITS FOR 537MM AND T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analytical Laboratory | Reporting Limit (ng/L) | | | | | |
|---|---|---|---|---|---|---|
| | SAC | | | LANC | | |
| Analytical Method | T3+ / T6 | | 537MM | T3+ / T6 | | 537MM |
| | T3+ | T6 | | T3+ | T6 | |
| HFPO Dimer Acid | 2.0 | -- | 4.0 | 2.0 | -- | 2.7 |
| PFMOAA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFO2HxA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFO3OA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFO4DA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFO5DA | 2.0 | -- | 2.0 | 2.0 | -- | 4.4 |
| PMPA | 10 | 2.0 | 2.0 | 10 | 2.0 | 1.8 |
| PEPA | 20 | 2.0 | 2.0 | 20 | 2.0 | 1.8 |
| PS Acid | 2.0 | -- | 2.0 | 2.0 | -- | 8.9 |
| Hydro-PS Acid | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| R-PSDA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| Hydrolyzed PSDA | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| R-PSDCA | 2.0 | -- | 3.0 | 2.0 | -- | 1.8 |
| NVHOS | 2.0 | -- | 3.0 | 2.0 | -- | 1.8 |
| EVE Acid | 2.0 | -- | 2.0 | 2.0 | -- | 8.9 |
| Hydro-EVE Acid | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| R-EVE | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PES | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFECA B | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| PFECA-G | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |
| Perfluoroheptanoic Acid | 2.0 | -- | 2.0 | 2.0 | -- | 1.8 |

*Notes:*
-- - not analyzed by this method
- not on Consent Order Attachment C list
537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
ng/L - nanograms per liter
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

# FIGURES




Notes:
A ratio >1.0 means the 537MM result is higher than the T3+/T6 result
A ratio <1.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6
– · – ±50% of a ratio of 1.0

**Average Ratio of 537MM Result to T3+/T6 Result by Analyte - SAC**
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

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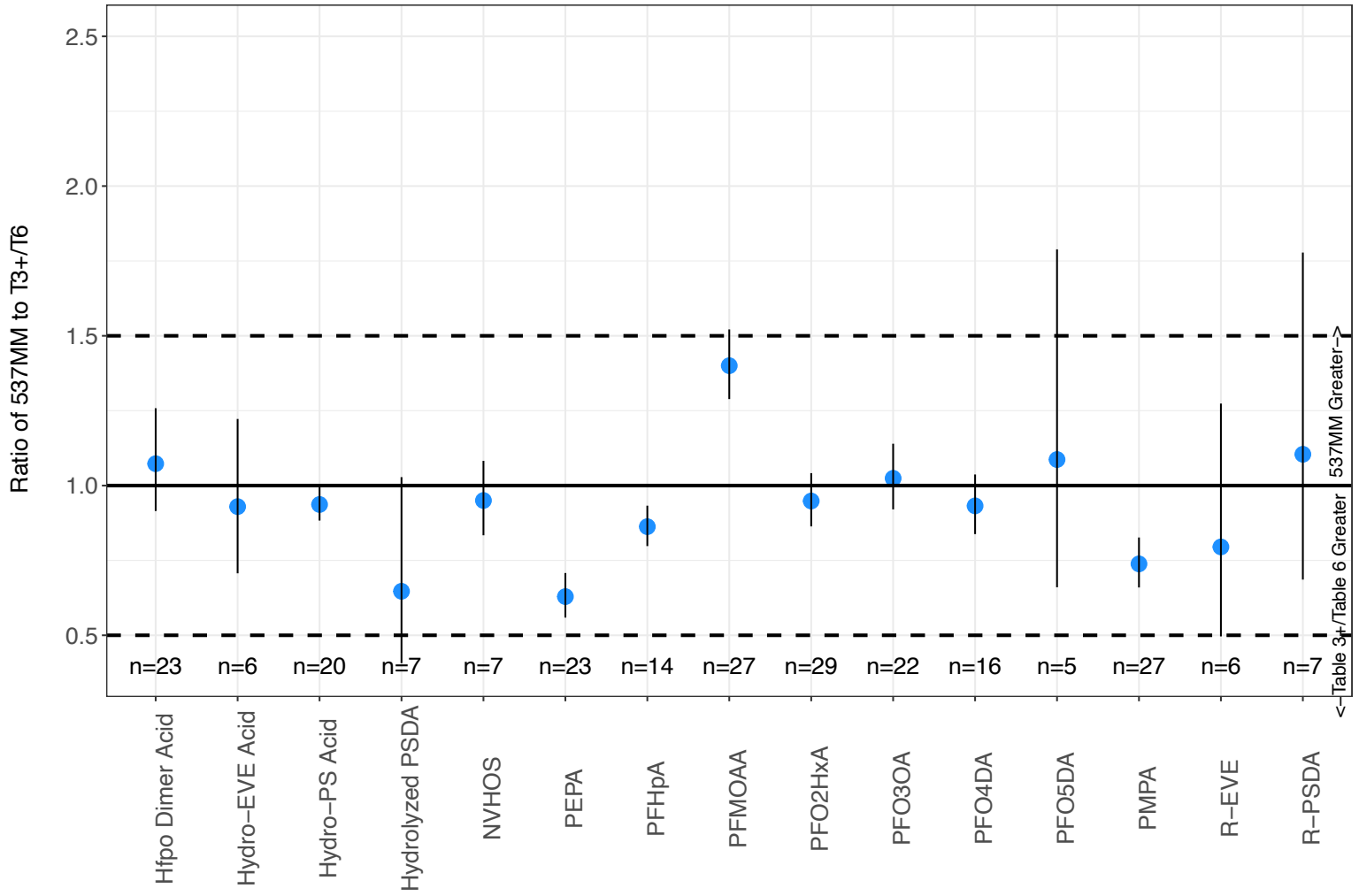
Figure 1




Notes:
A ratio >1.0 means the 537MM result is higher than the T3+/T6 result
A ratio <1.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6
– · – ±50% of a ratio of 1.0

**Average Ratio of 537MM Result to T3+/T6 Result by Analyte - LANC**
Chemours Fayetteville Works, North Carolina

Geosyntec consultants
Geosyntec Consultants of NC, P.C.
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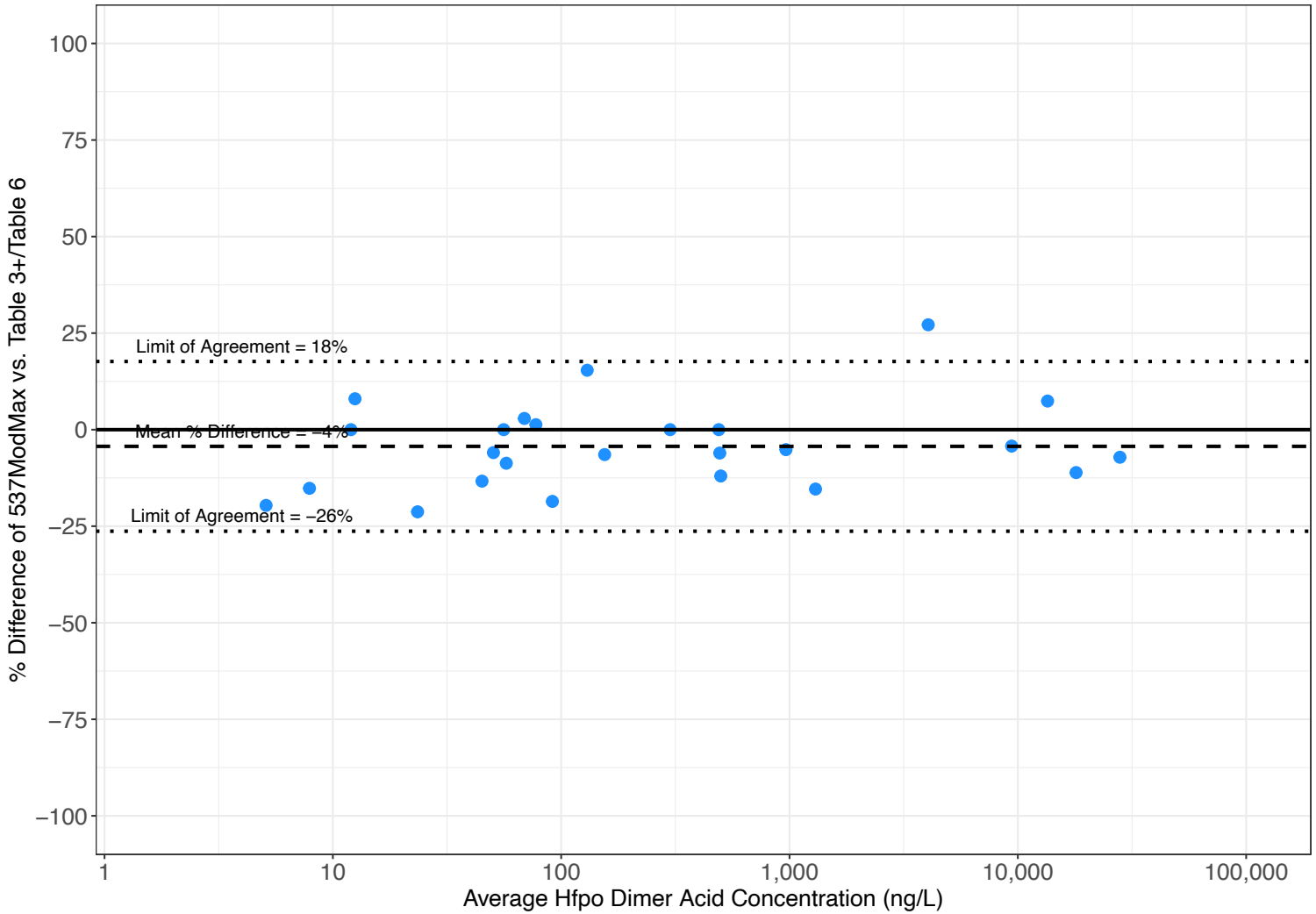
Figure **2**

# APPENDIX A

# Bland-Altman Analysis of 537MM versus T3+/T6 at SAC and at LANC




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for HFPO-DA**
**Comparing 537MM to T3+/T6 at SAC**

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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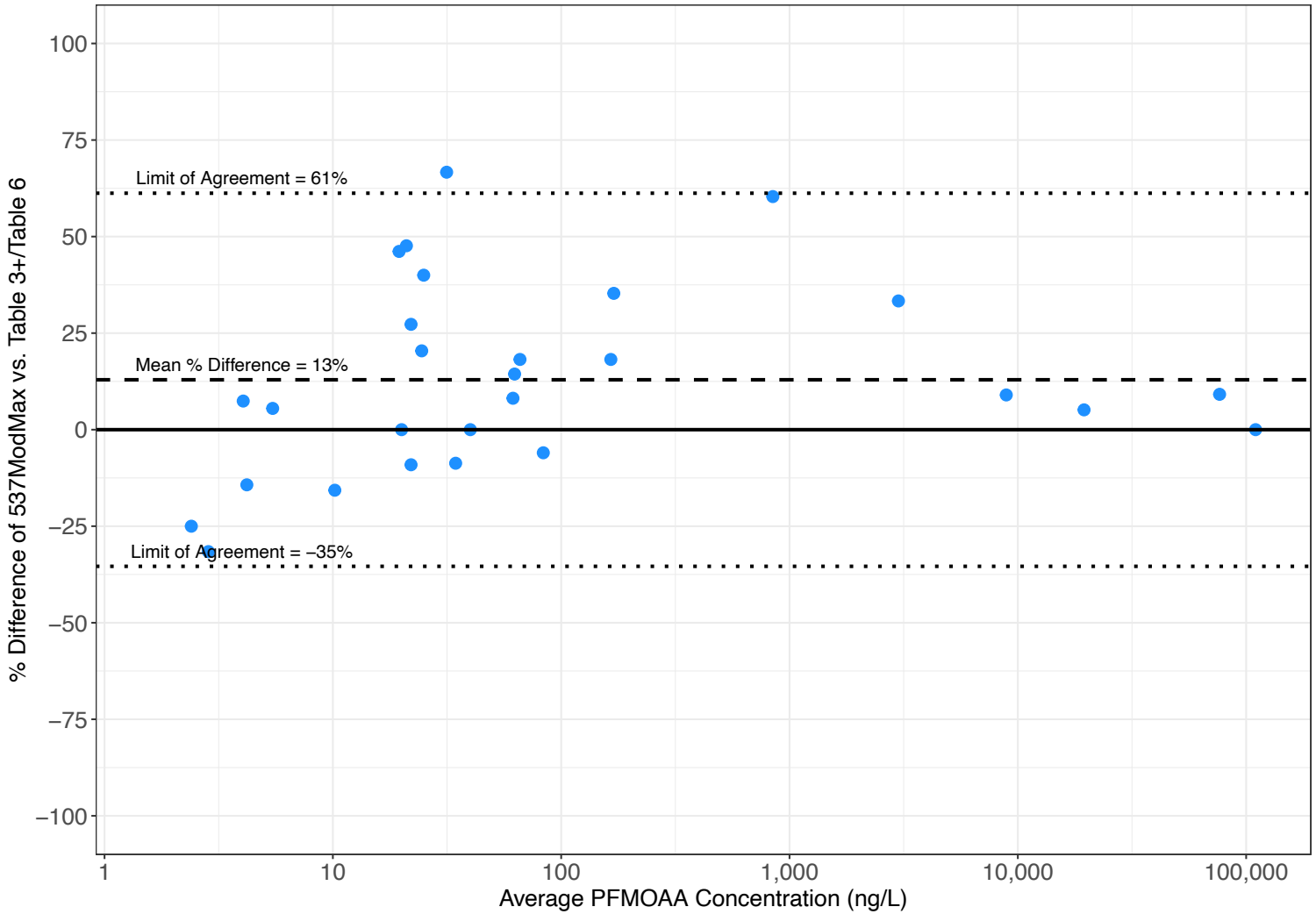
Figure
**A1**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFMOAA**
**Comparing 537MM to T3+/T6 at SAC**
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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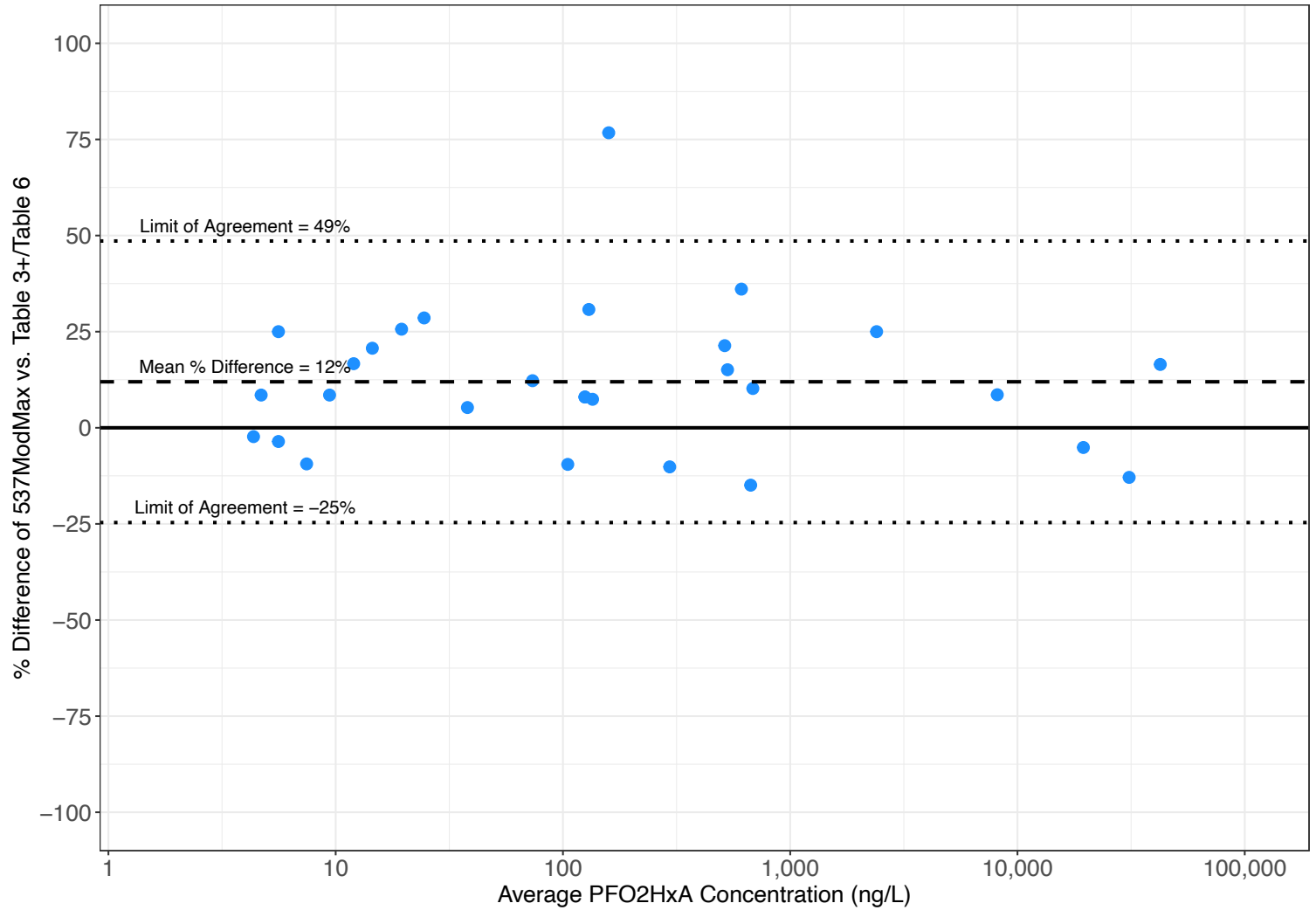
Figure
**A2**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO2HxA**
**Comparing 537MM to T3+/T6 at SAC**
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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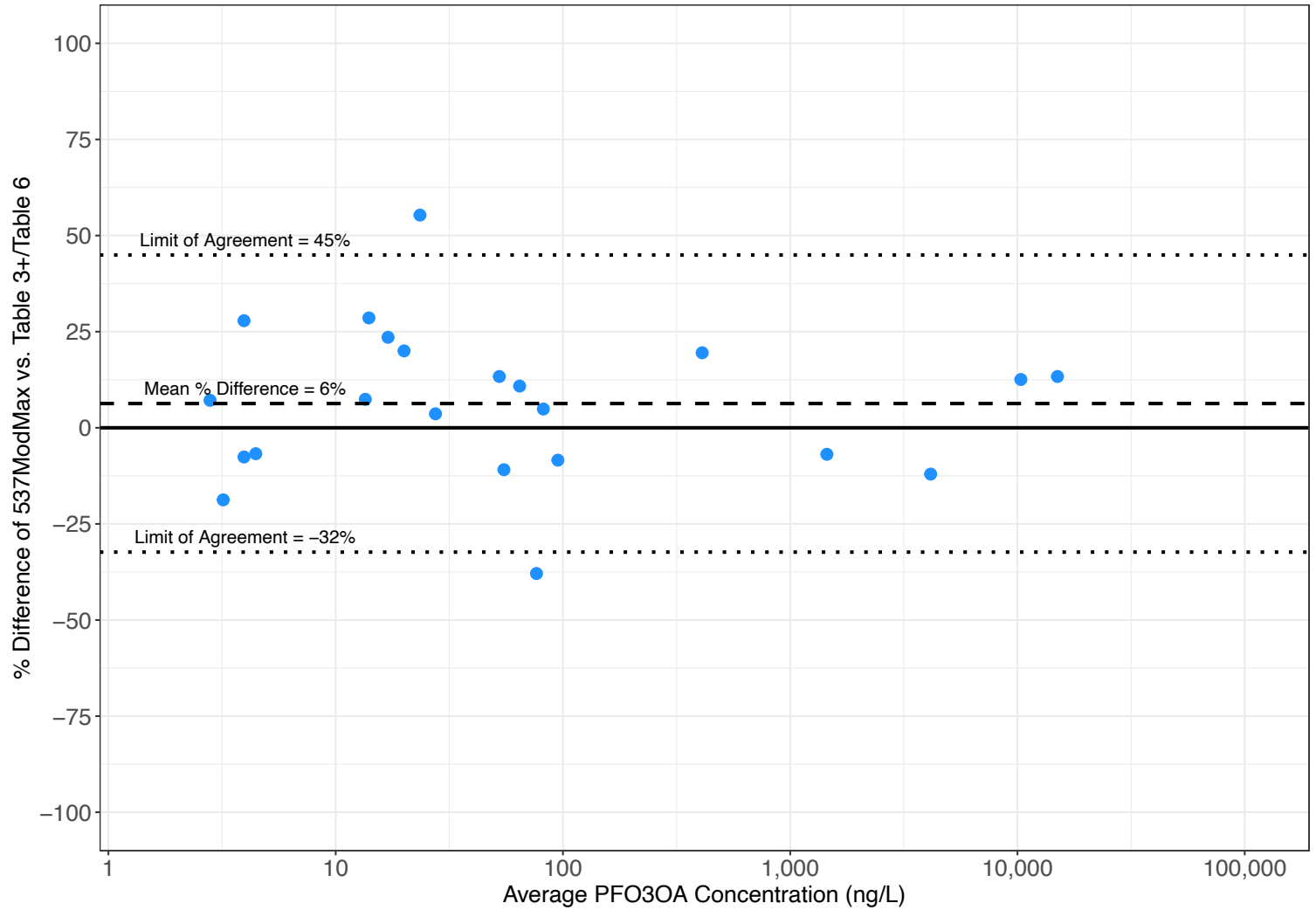
Figure
**A3**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

mean (average) relative percent difference of all data pairs
±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO3OA**
**Comparing 537MM to T3+/T6 at SAC**
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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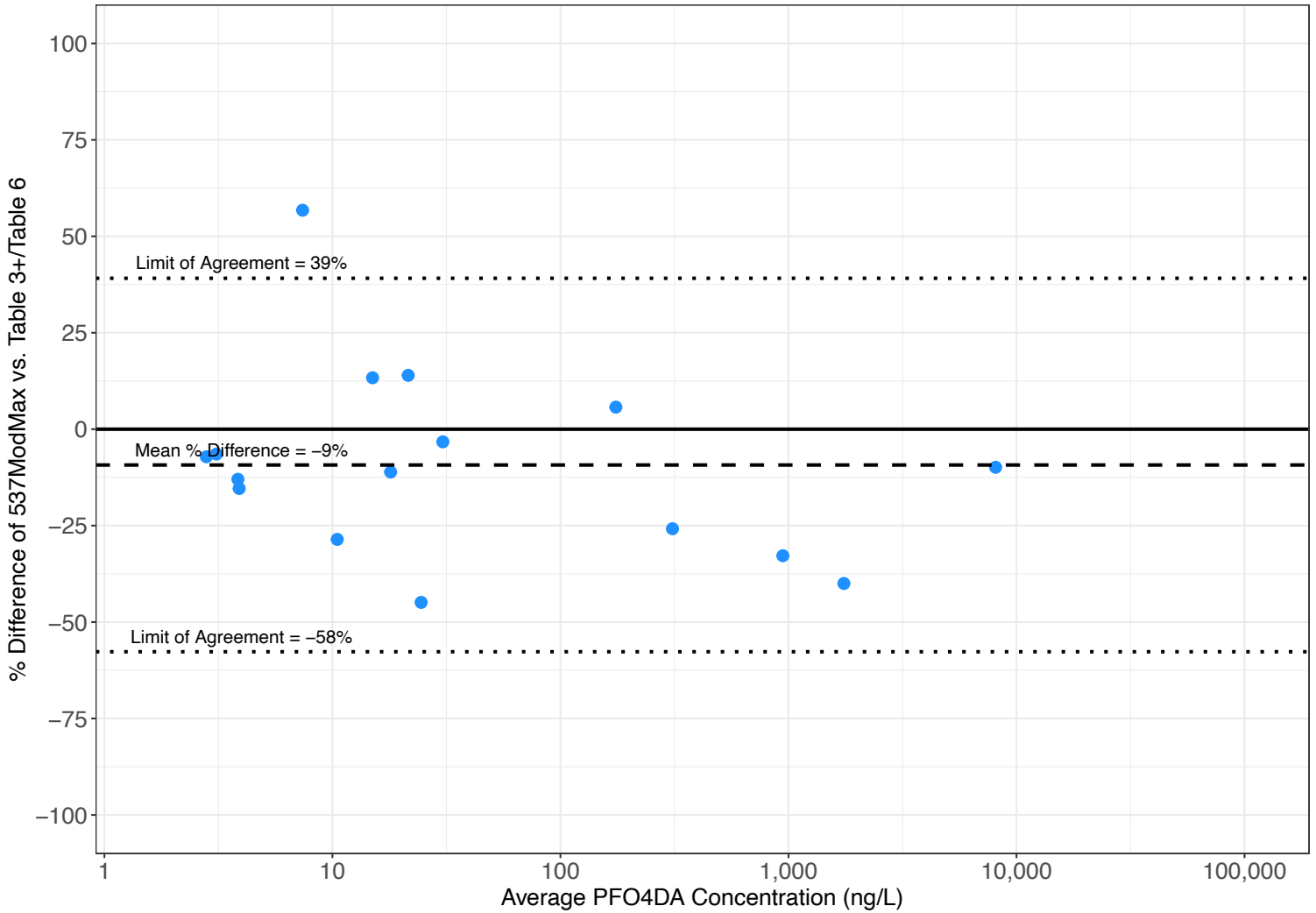
Figure
**A4**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO4DA**
**Comparing 537MM to T3+/T6 at SAC**
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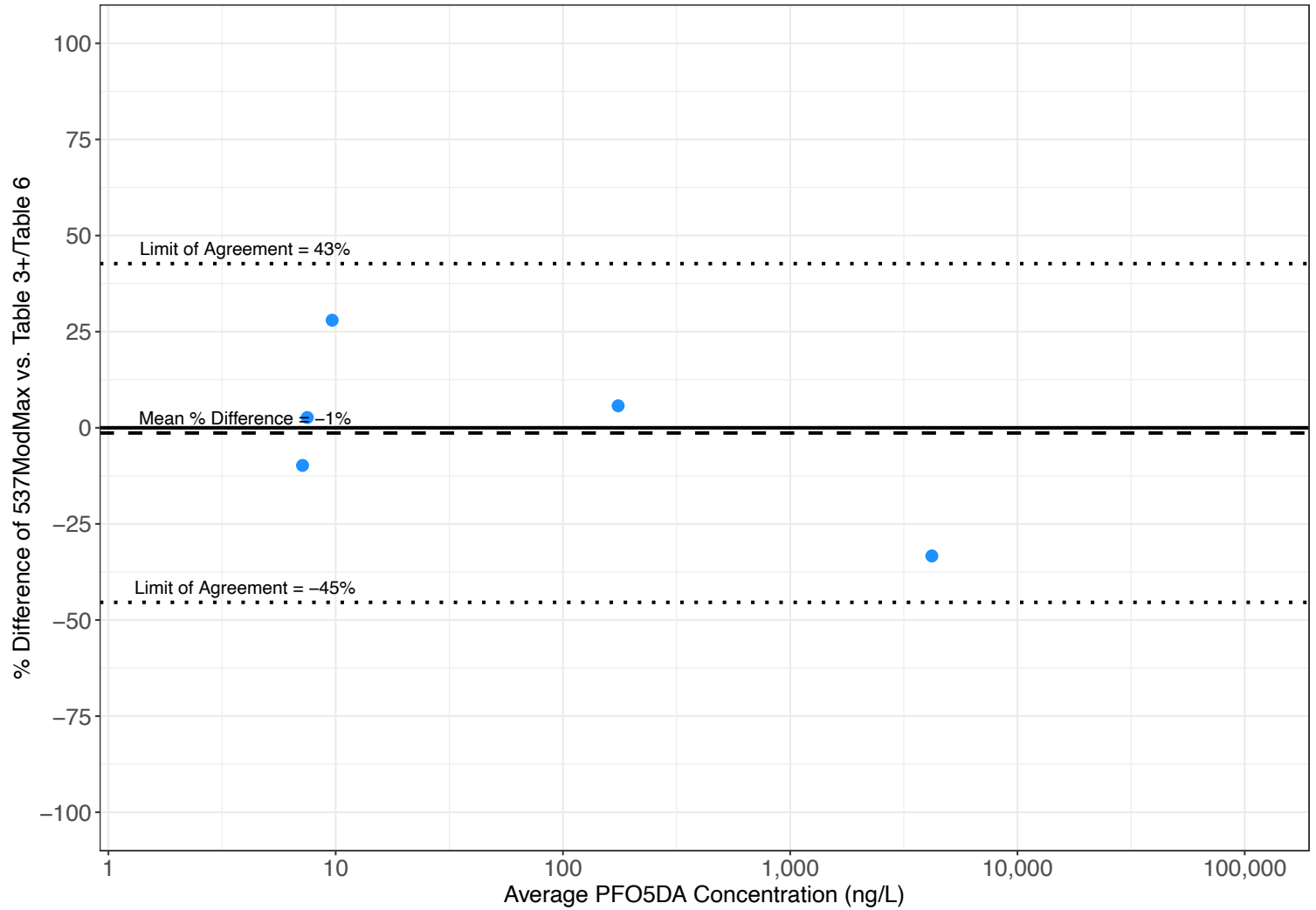
Figure
**A5**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO5DA**
**Comparing 537MM to T3+/T6 at SAC**
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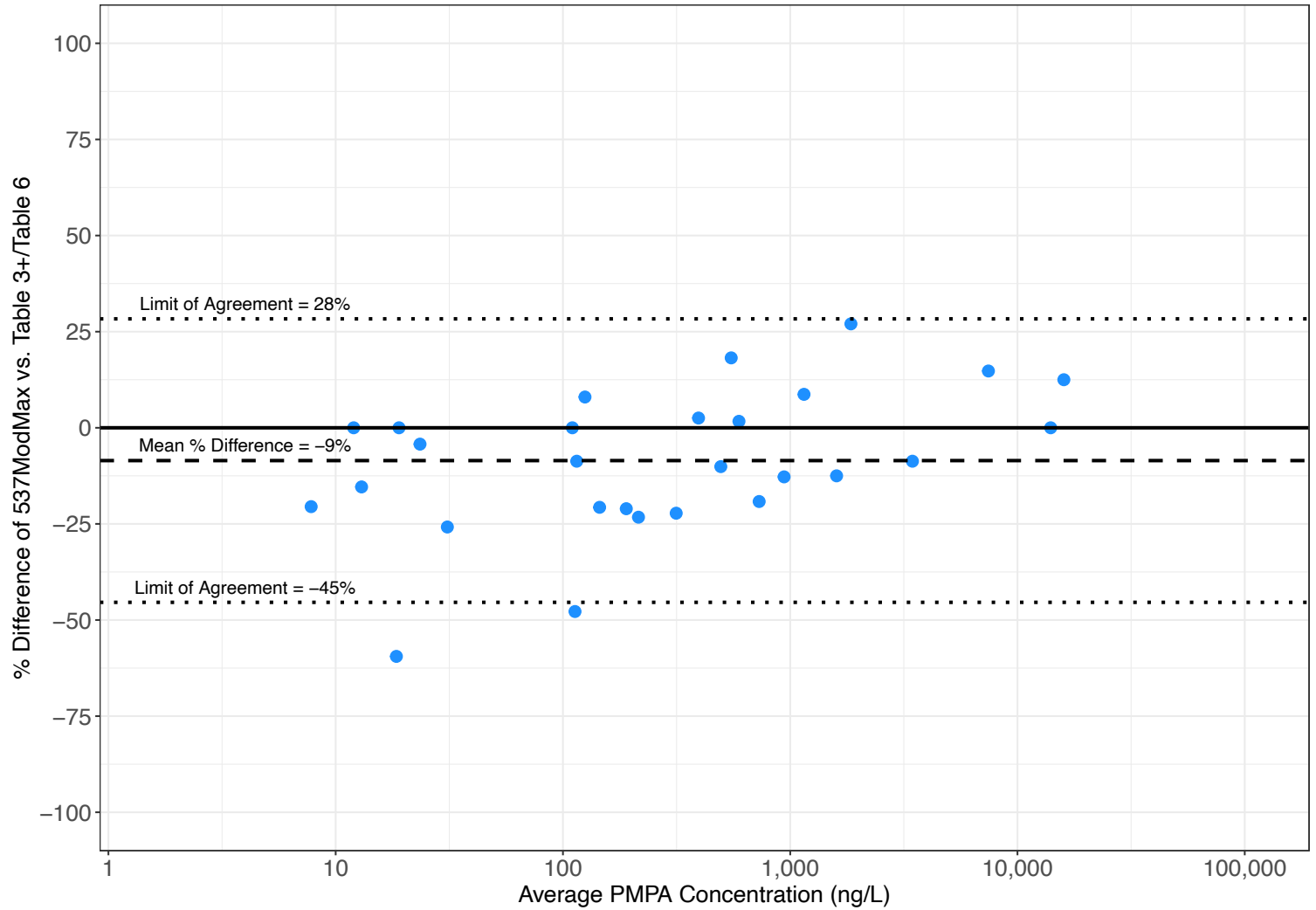
Figure
**A6**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PMPA**
**Comparing 537MM to T3+/T6 at SAC**
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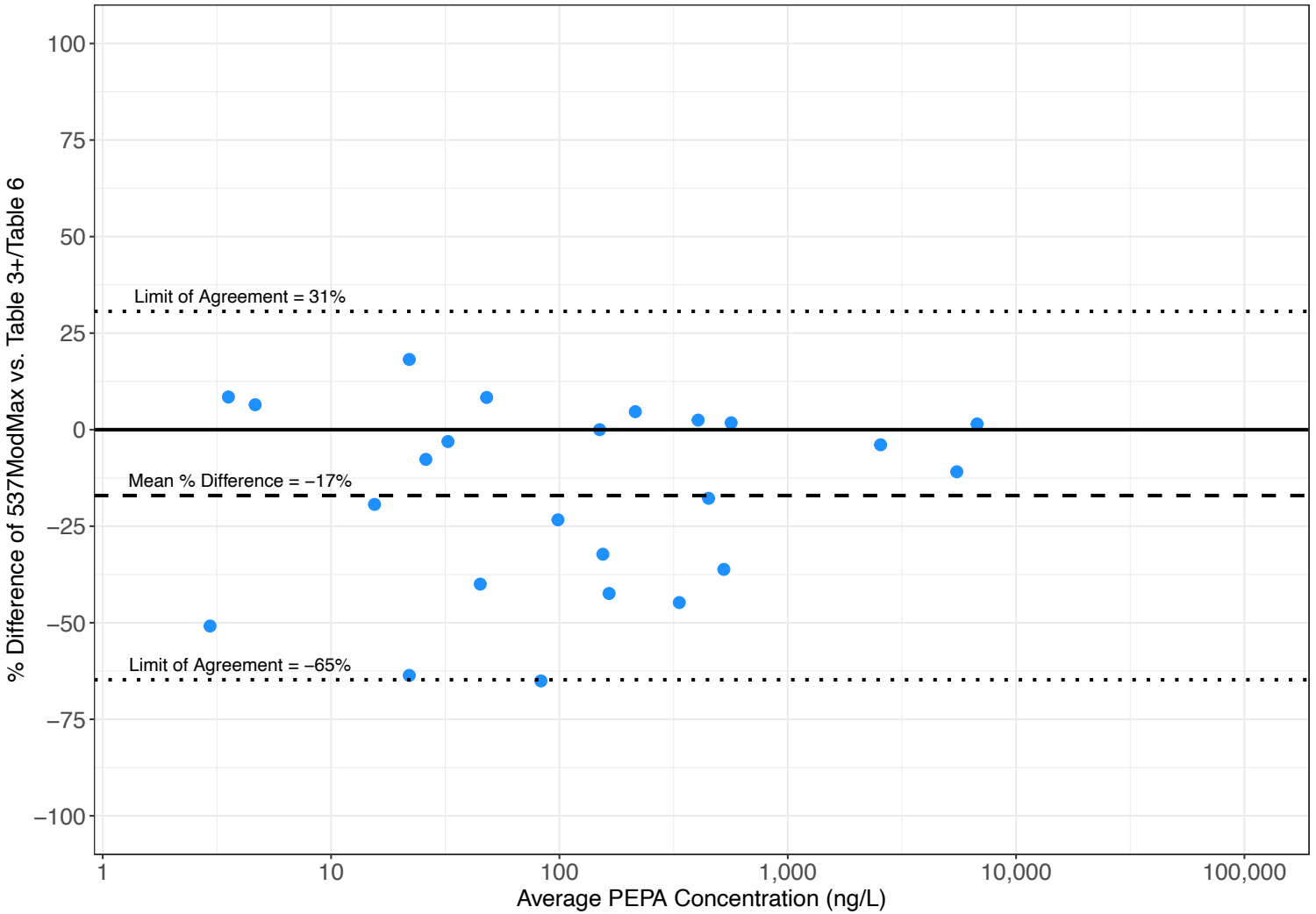
Figure
**A7**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PEPA**
**Comparing 537MM to T3+/T6 at SAC**
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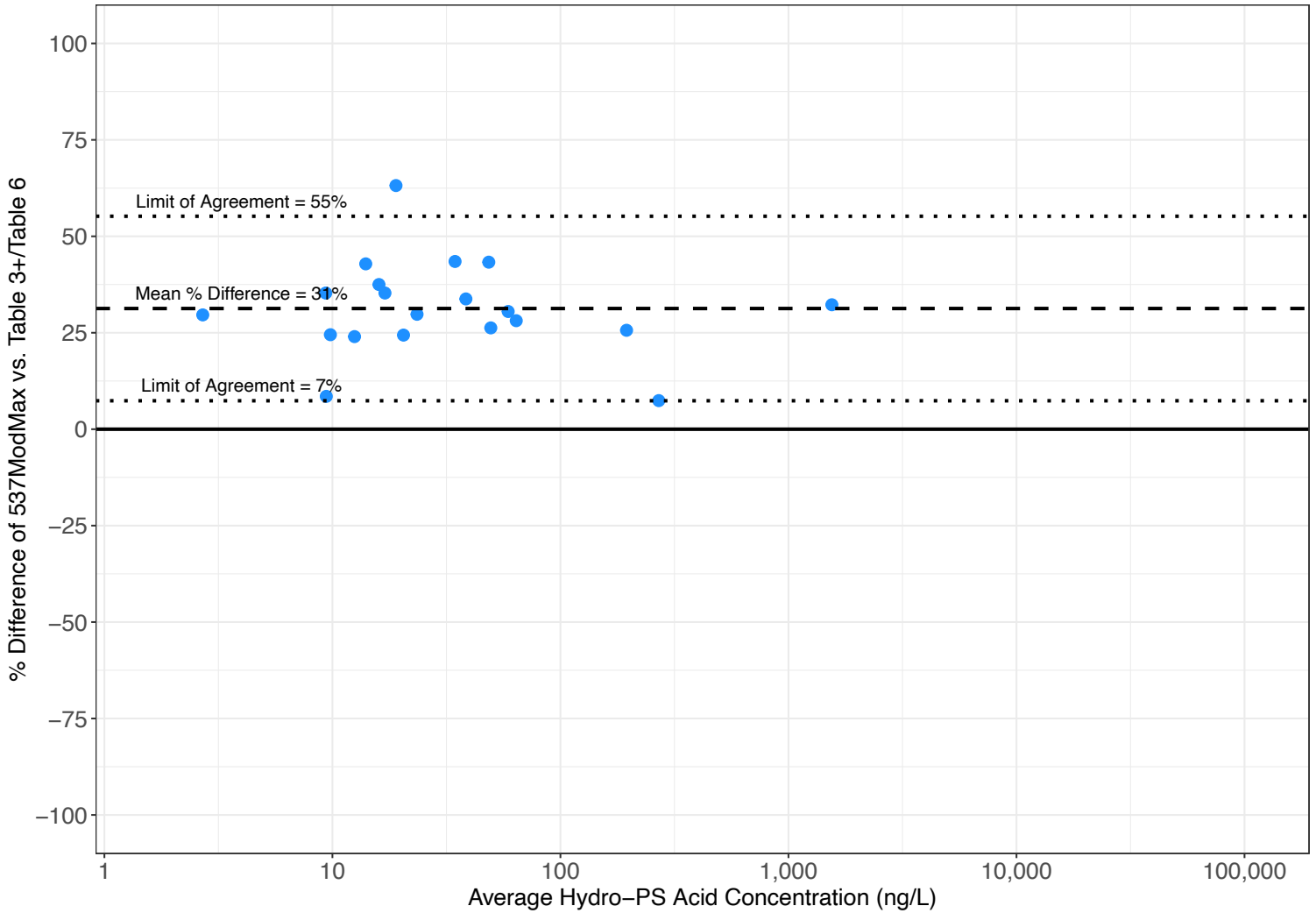
Figure
**A8**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-PS Acid**
**Comparing 537MM to T3+/T6 at SAC**

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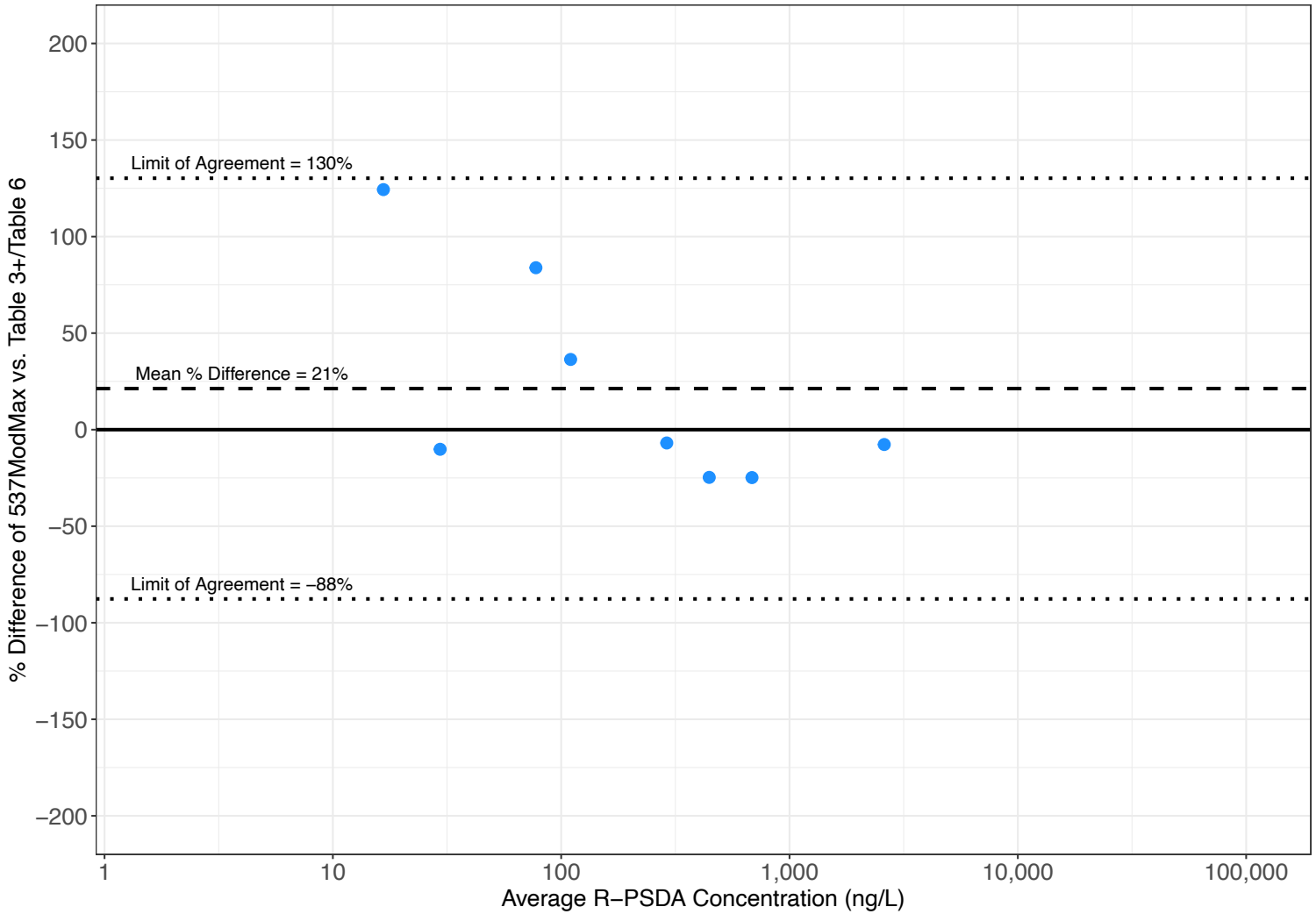
Figure
**A9**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

– – mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-PSDA**
**Comparing 537MM to T3+/T6 at SAC**
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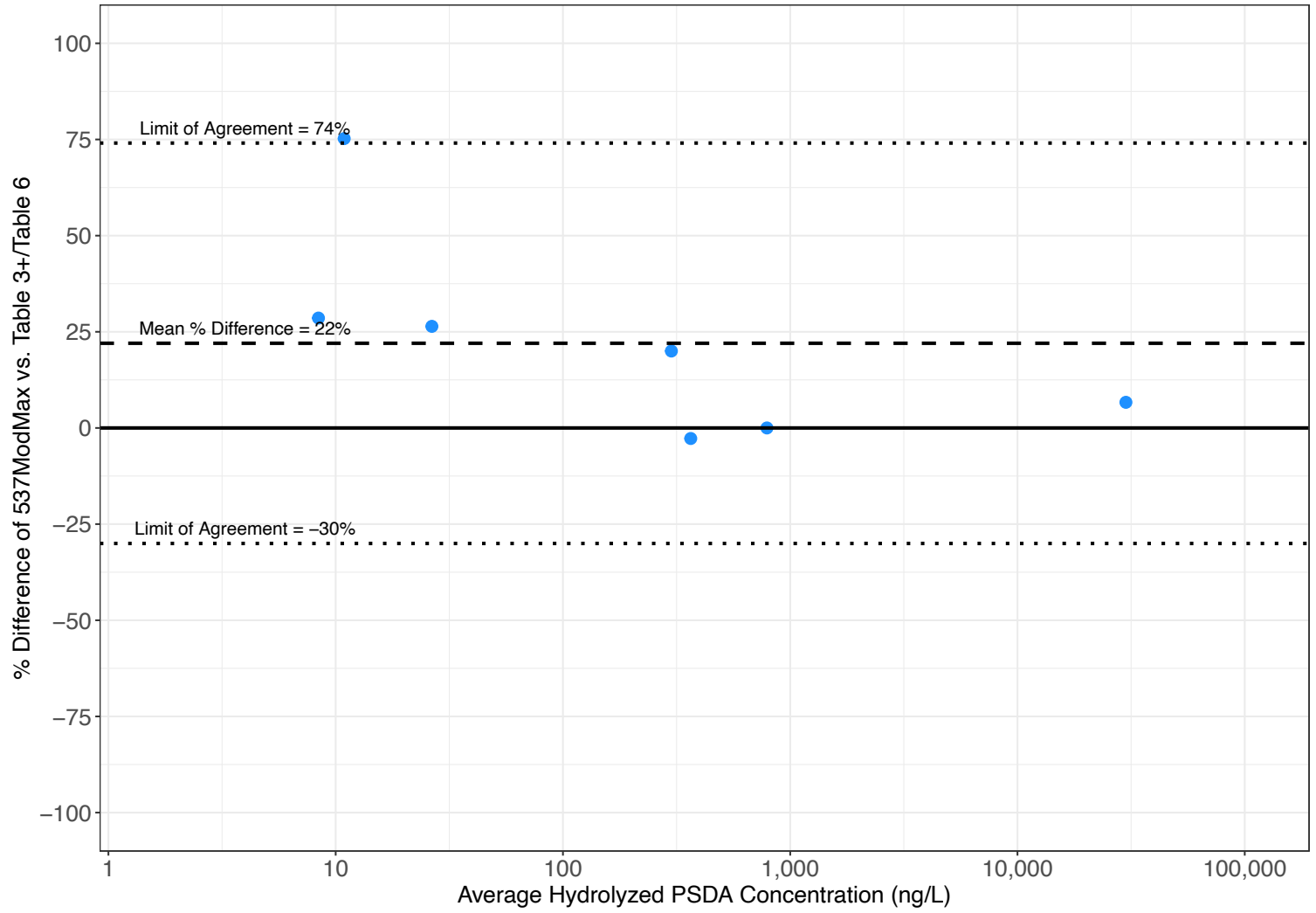
Figure
**A10**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydrolyzed PSDA**
**Comparing 537MM to T3+/T6 at SAC**

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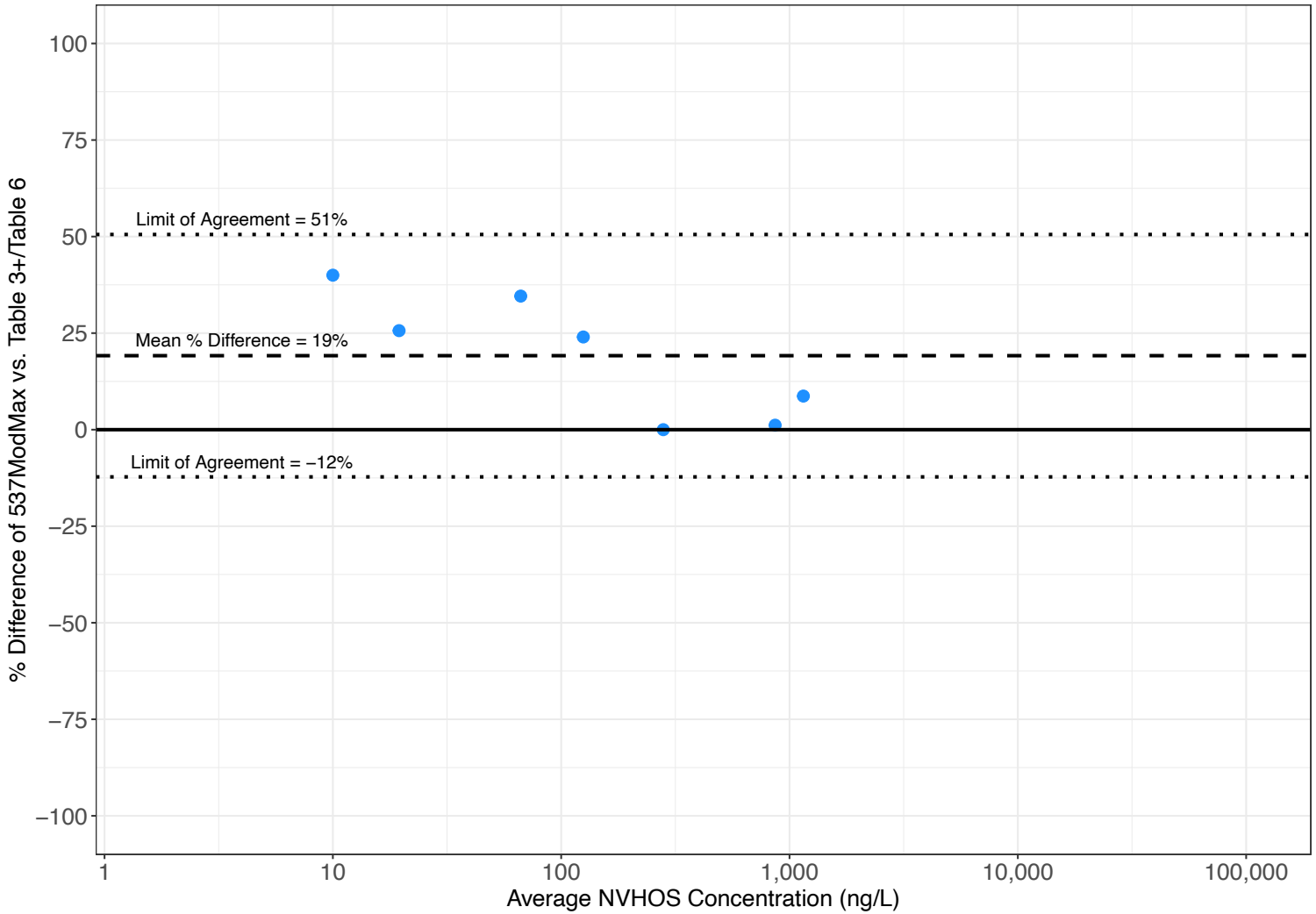
Figure
**A11**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

mean (average) relative percent difference of all data pairs
±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for NVHOS**
**Comparing 537MM to T3+/T6 at SAC**
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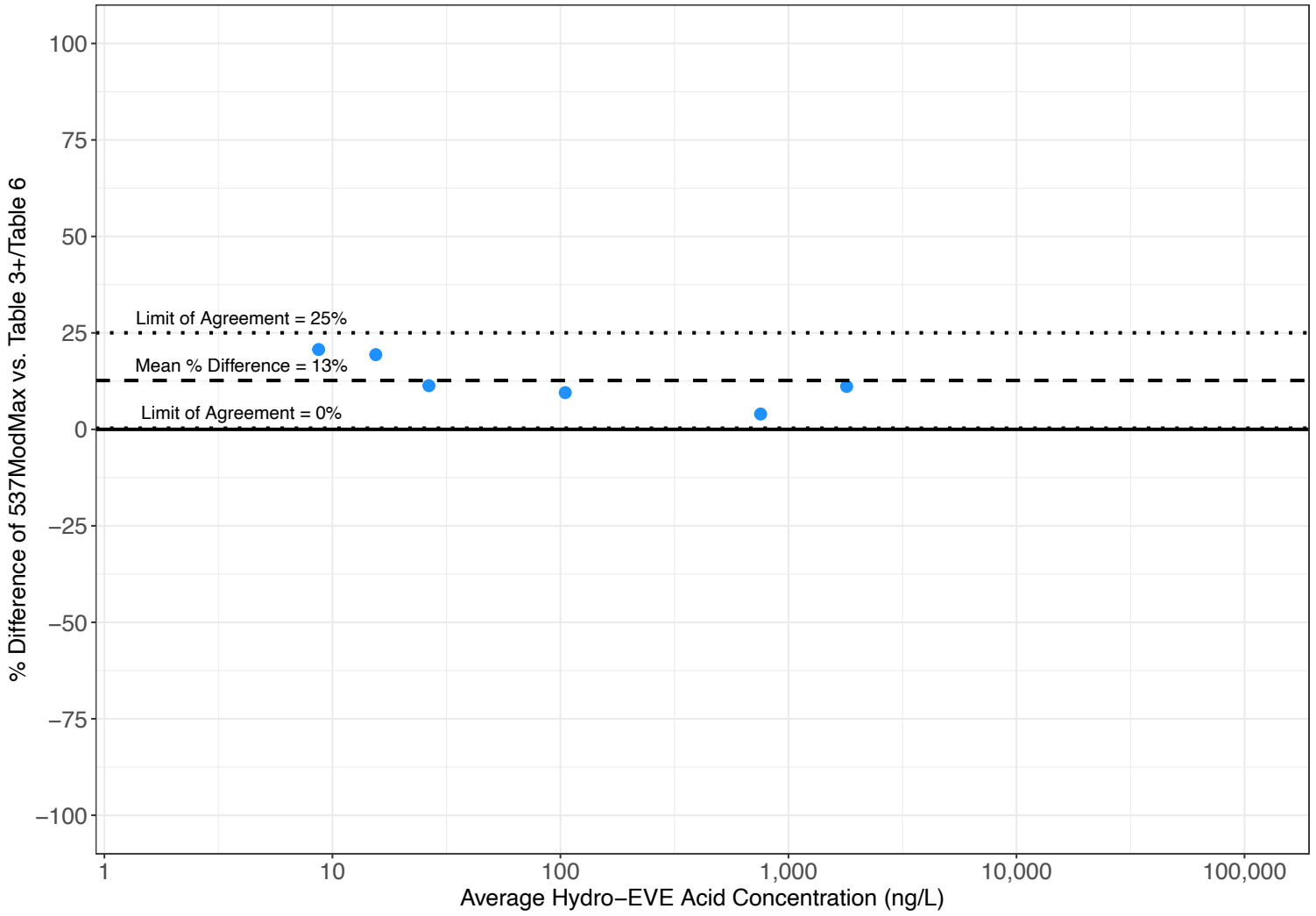
Figure
**A12**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-EVE Acid**
**Comparing 537MM to T3+/T6 at SAC**

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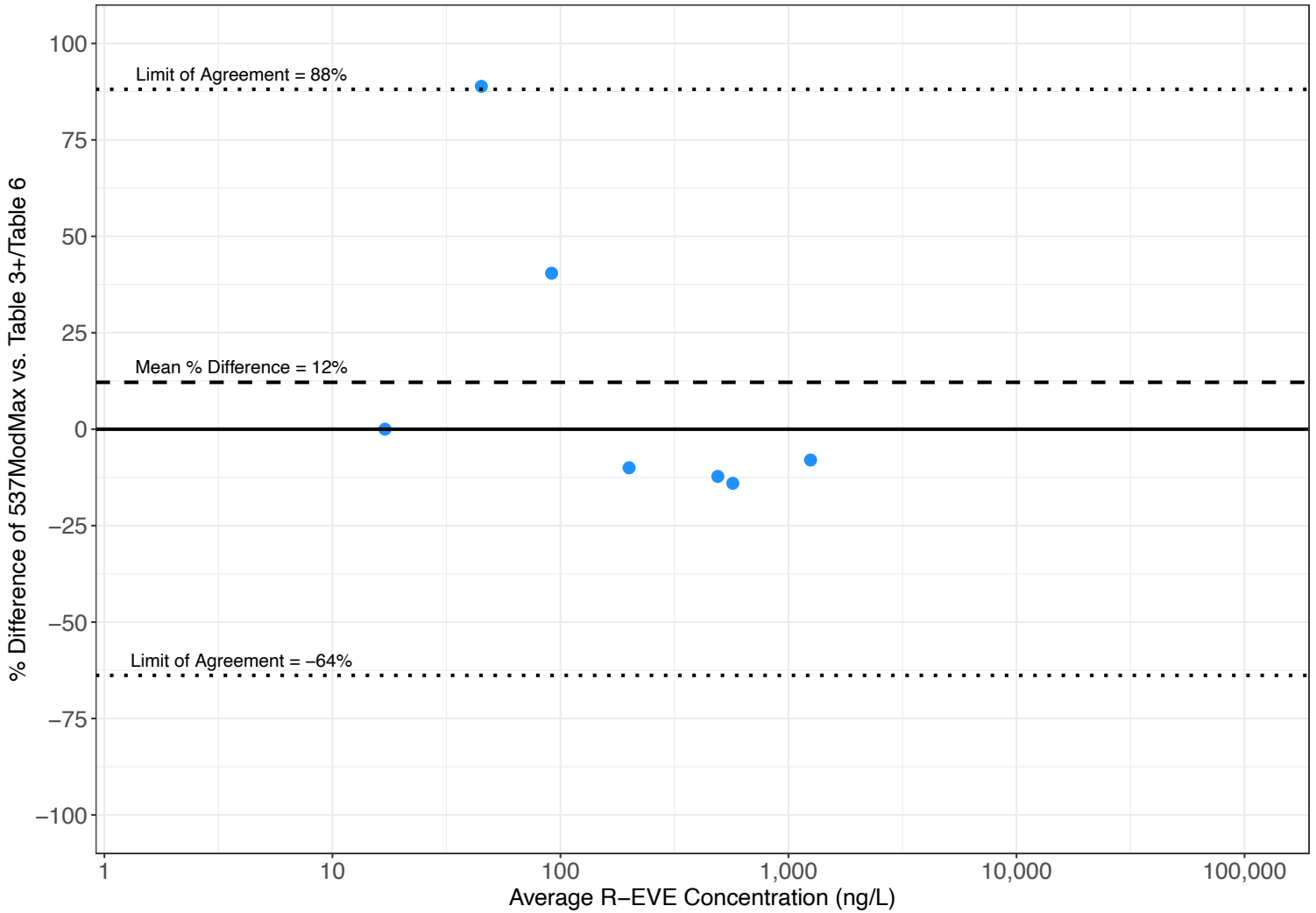
Figure
**A13**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

– – mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-EVE**
**Comparing 537MM to T3+/T6 at SAC**
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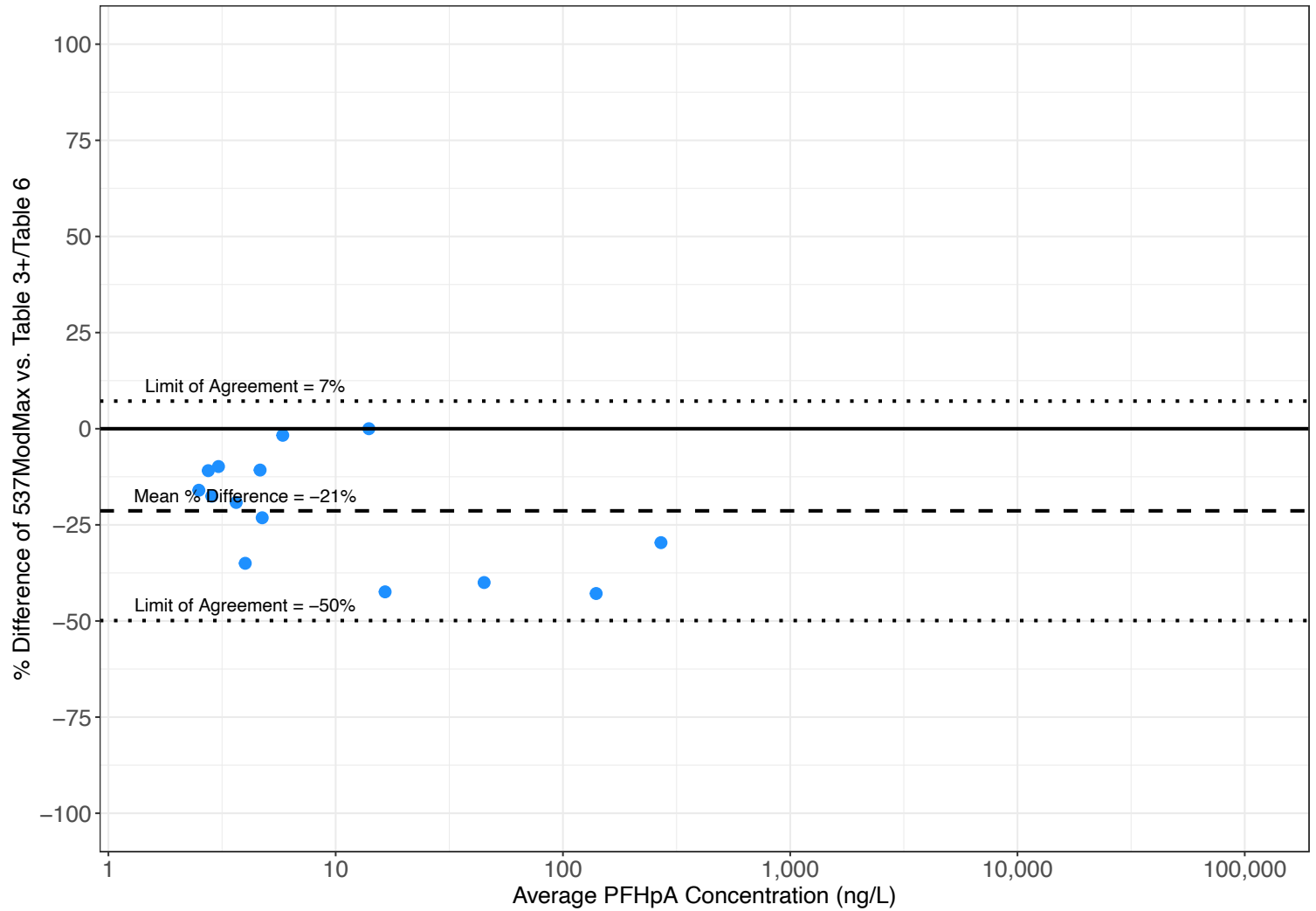
Figure
**A14**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFHpA**
**Comparing 537MM to T3+/T6 at SAC**
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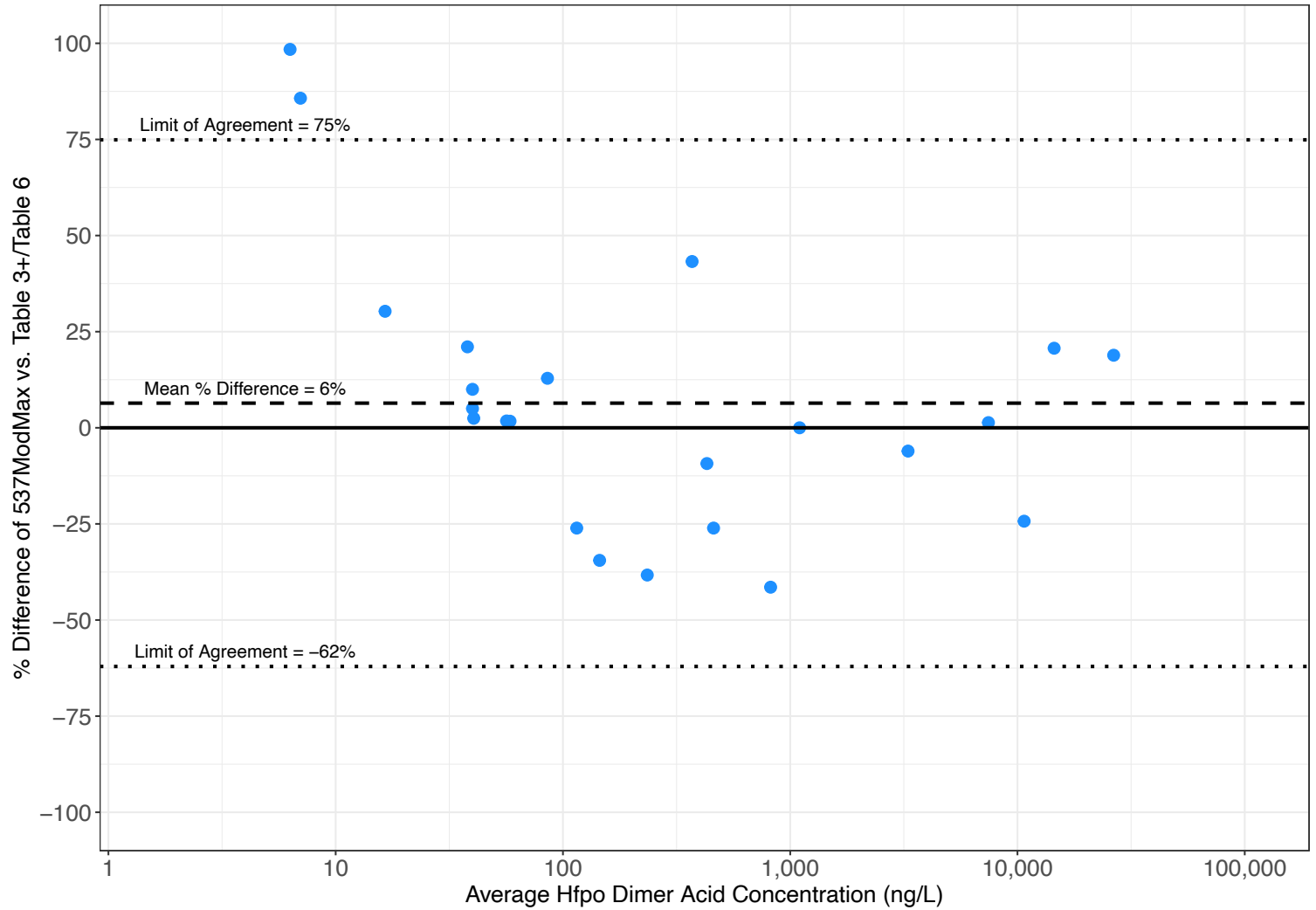
Figure
**A15**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for HFPO-DA**
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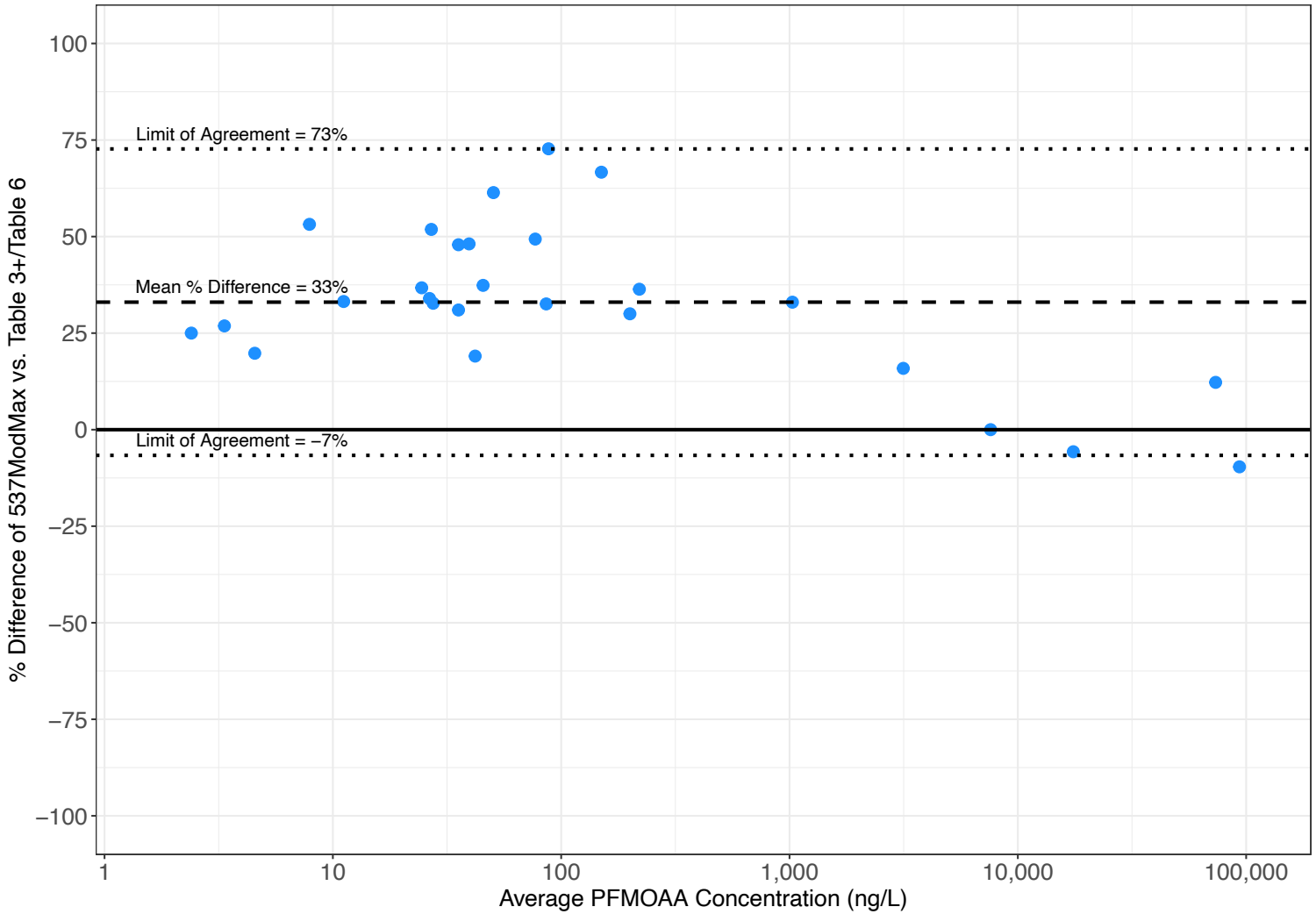
Figure
**A16**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFMOAA**
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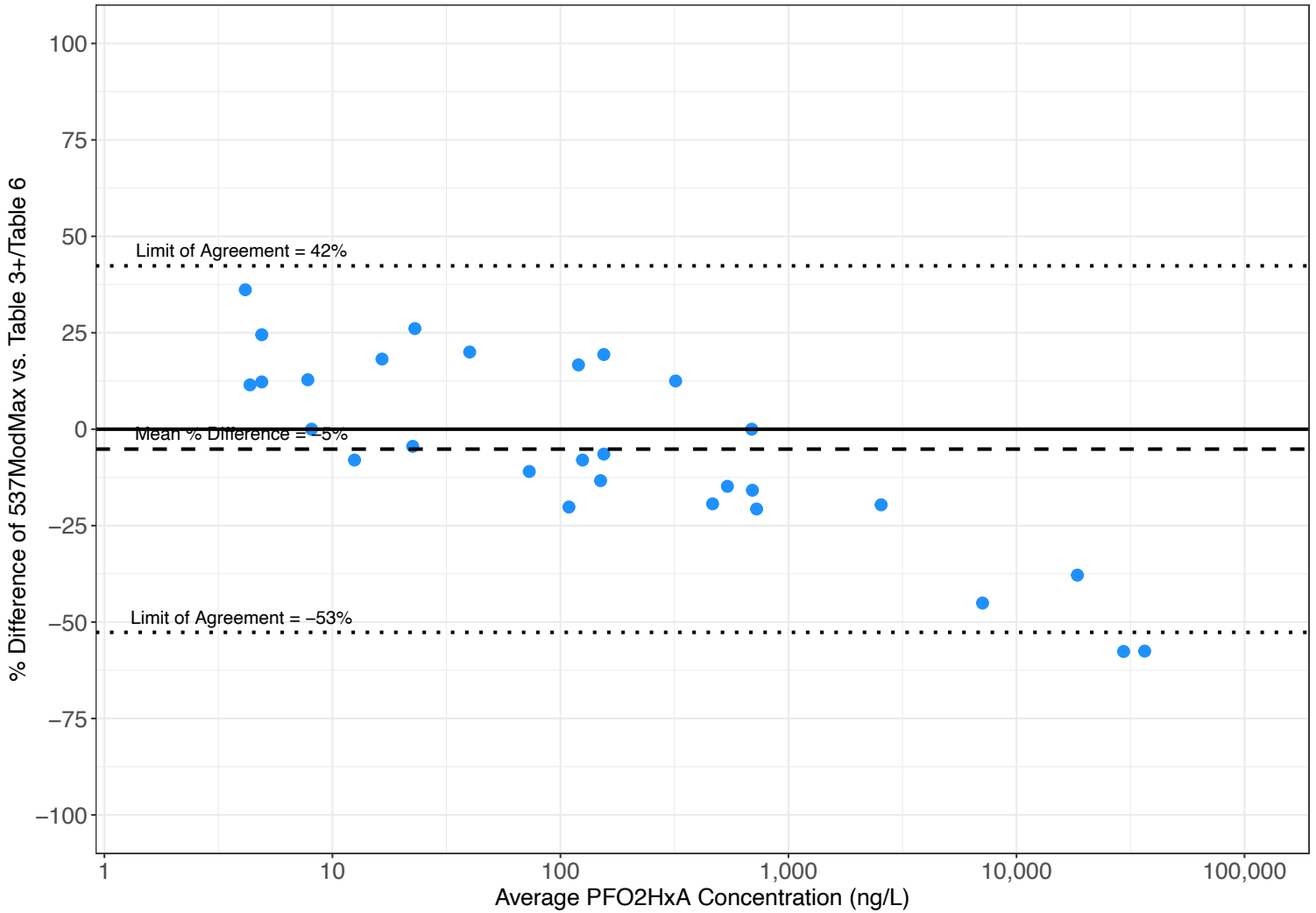
Figure
**A17**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO2HxA**
**Comparing 537MM to T3+/T6 at LANC**
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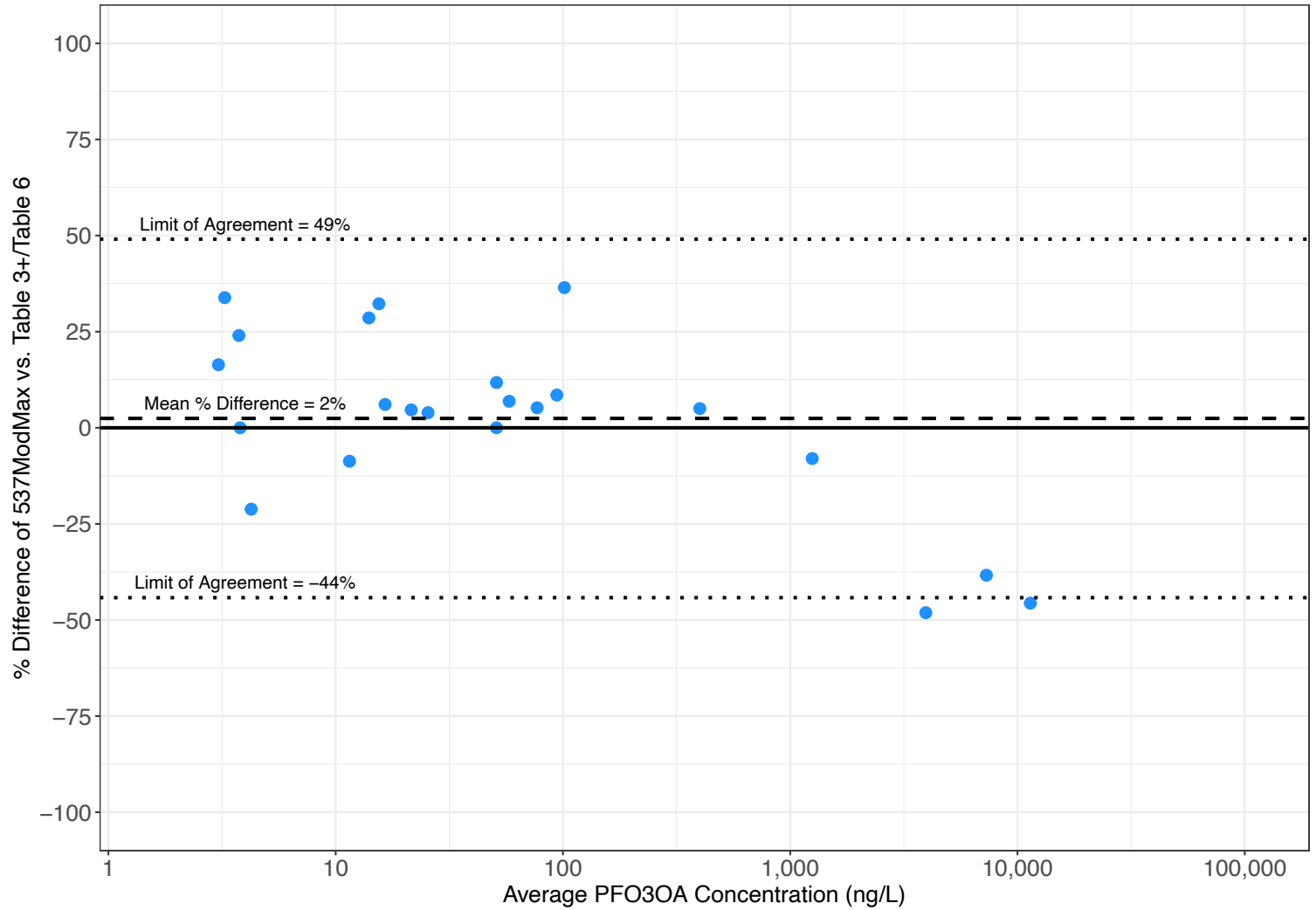
Figure
**A18**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO3OA**
**Comparing 537MM to T3+/T6 at LANC**
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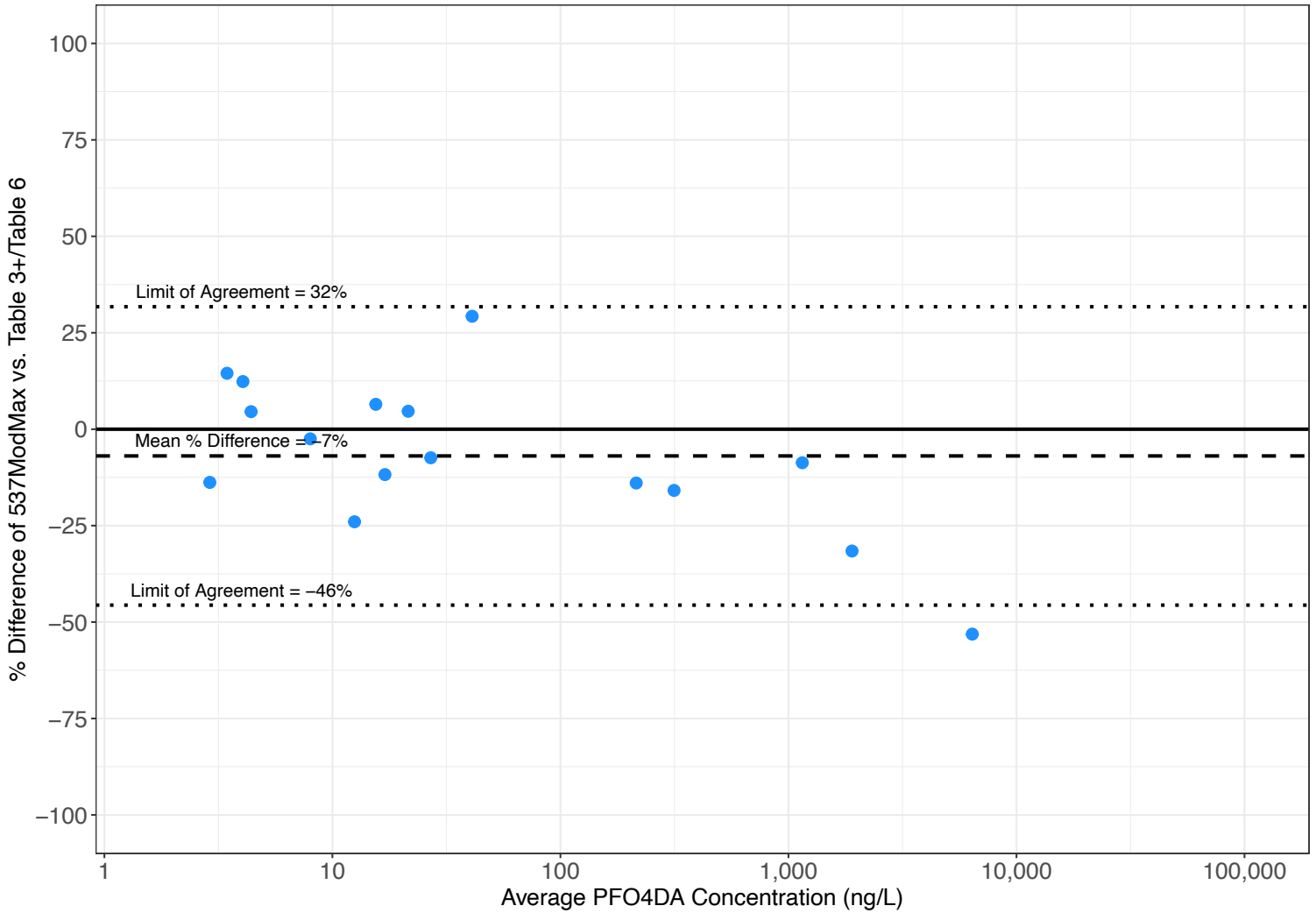
Figure
**A19**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO4DA**
**Comparing 537MM to T3+/T6 at LANC**
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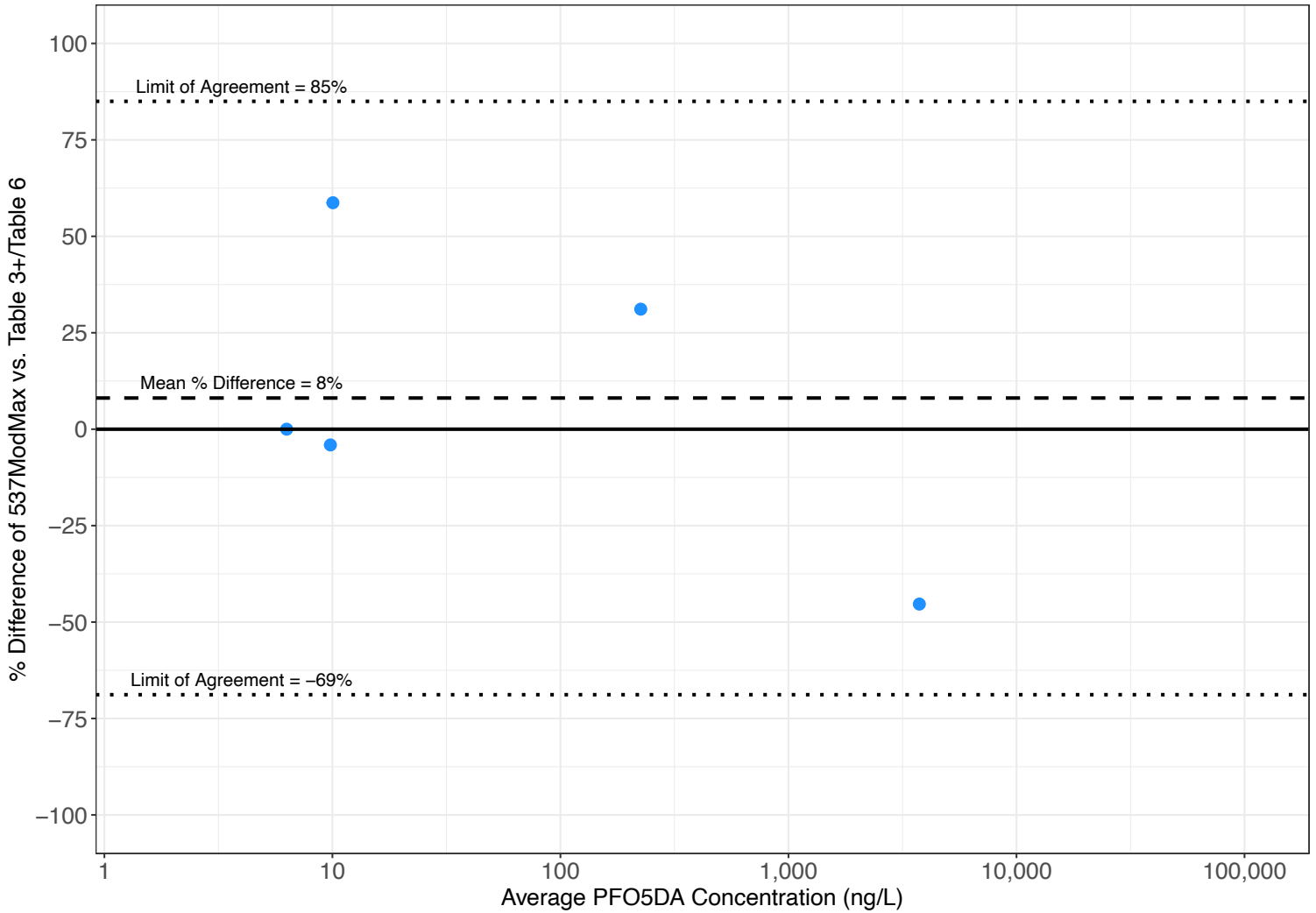
Figure
**A20**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

– – mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO5DA**
**Comparing 537MM to T3+/T6 at LANC**
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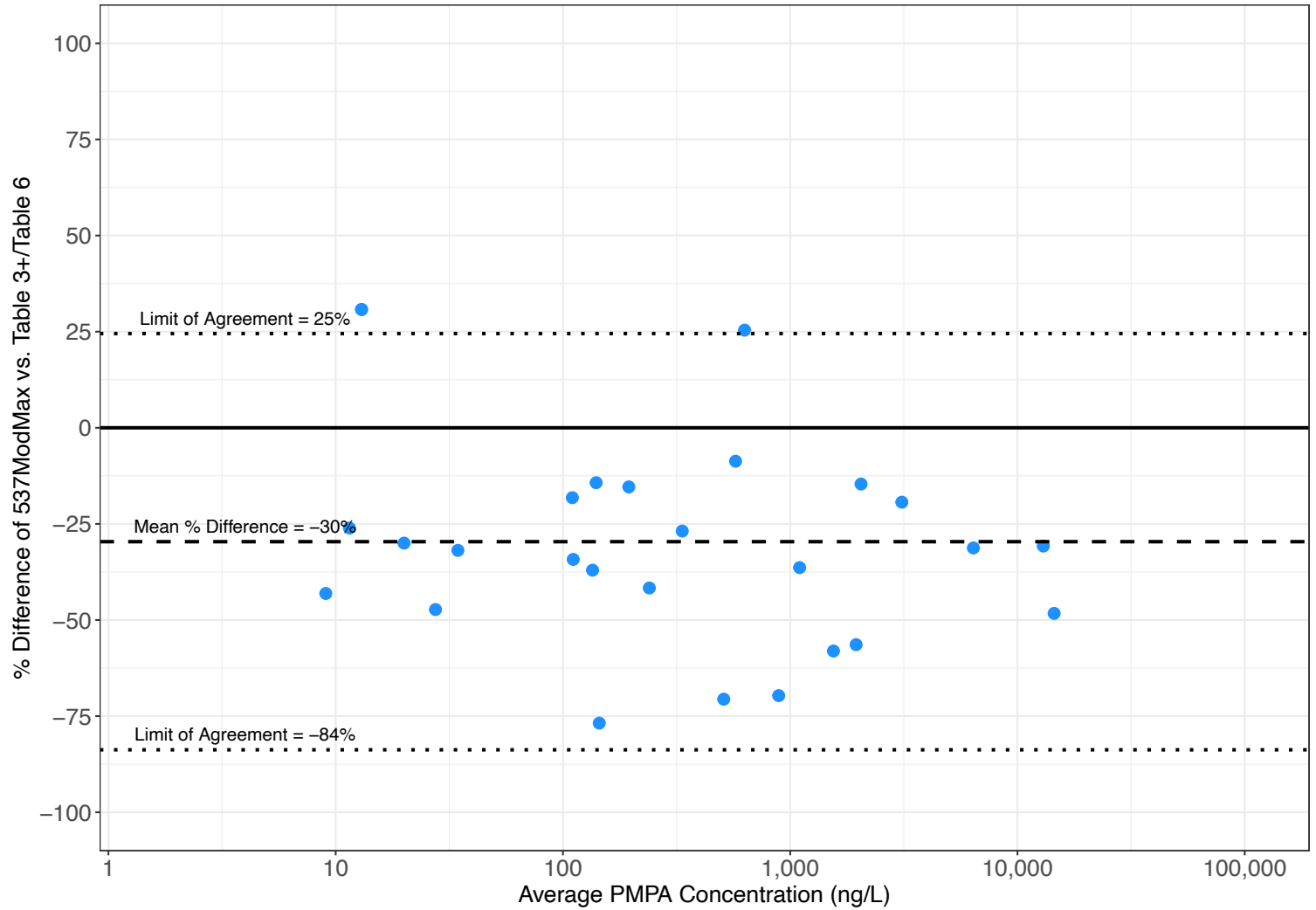
Figure
**A21**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PMPA**
**Comparing 537MM to T3+/T6 at LANC**
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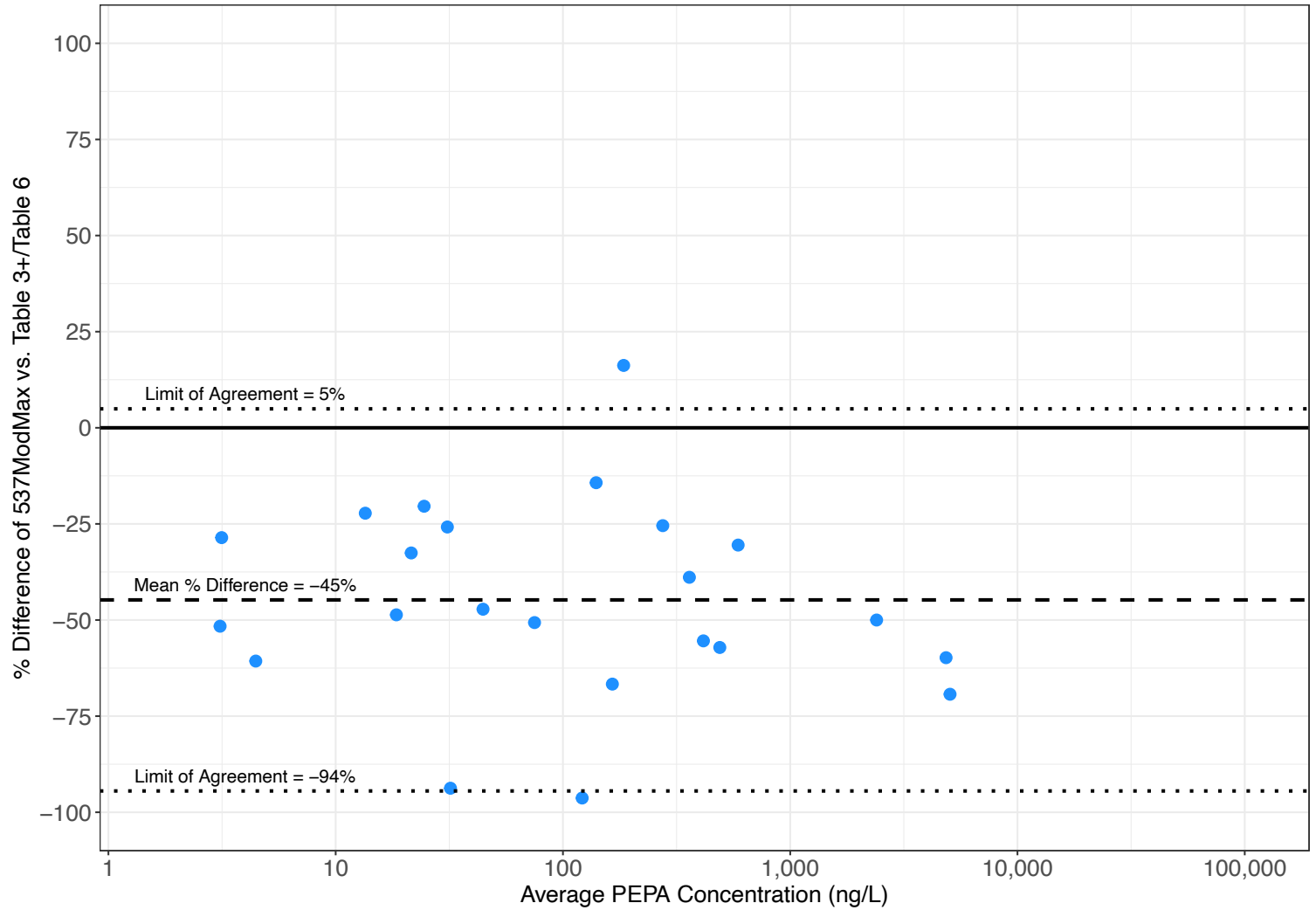
Figure
**A22**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PEPA**
**Comparing 537MM to T3+/T6 at LANC**
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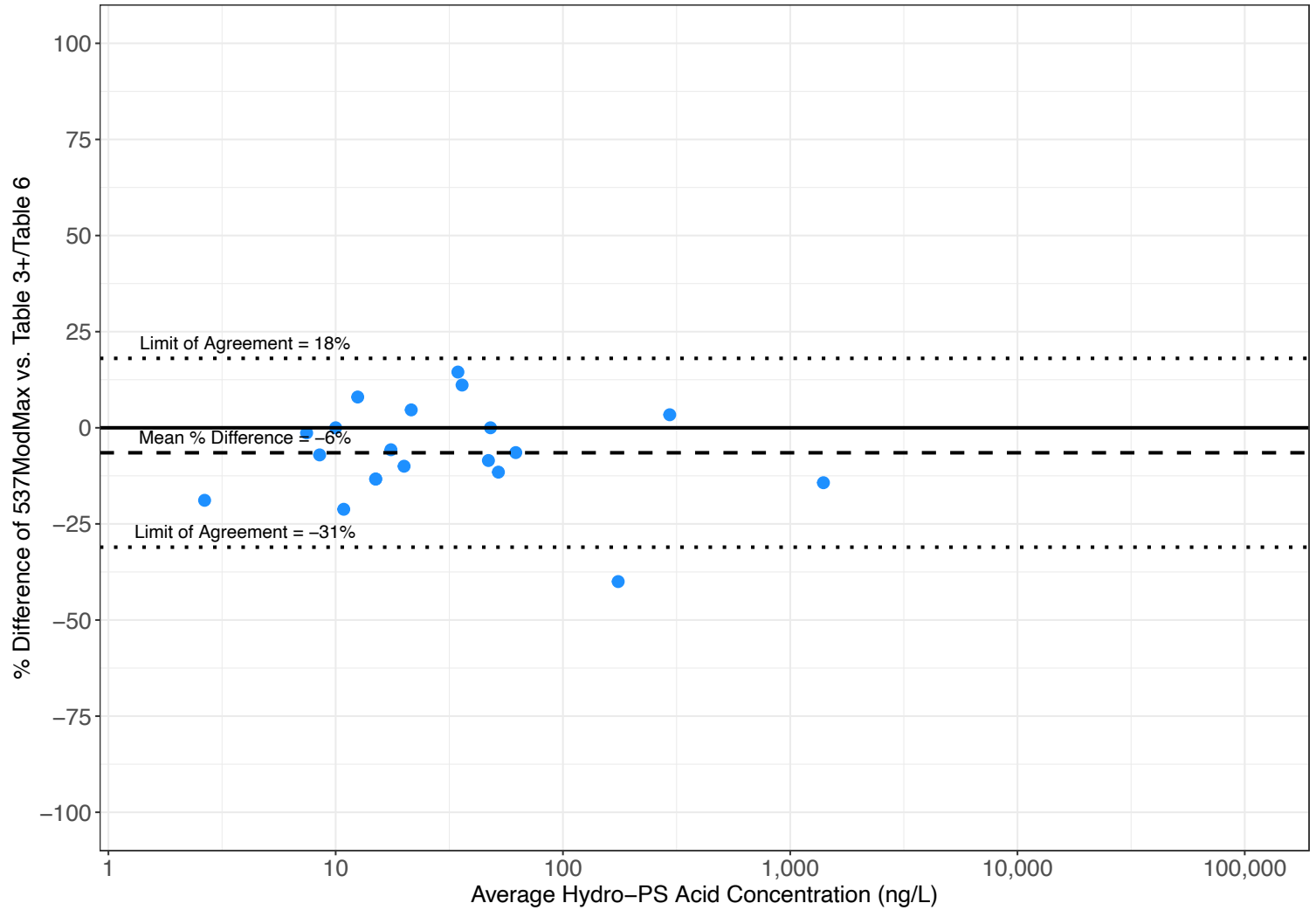
Figure
**A23**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-PS Acid**
**Comparing 537MM to T3+/T6 at LANC**

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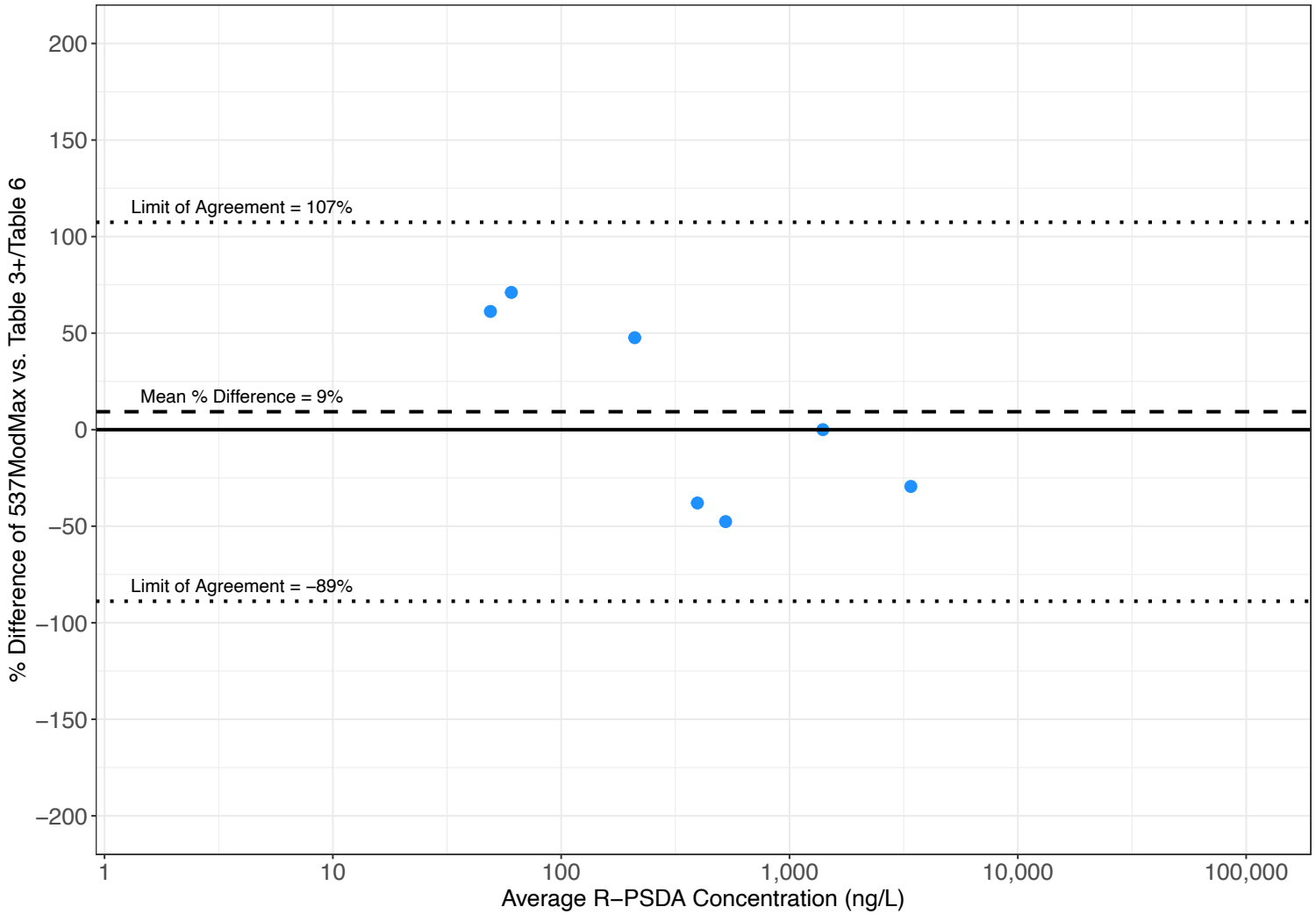
Figure
**A24**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-PSDA**
**Comparing 537MM to T3+/T6 at LANC**
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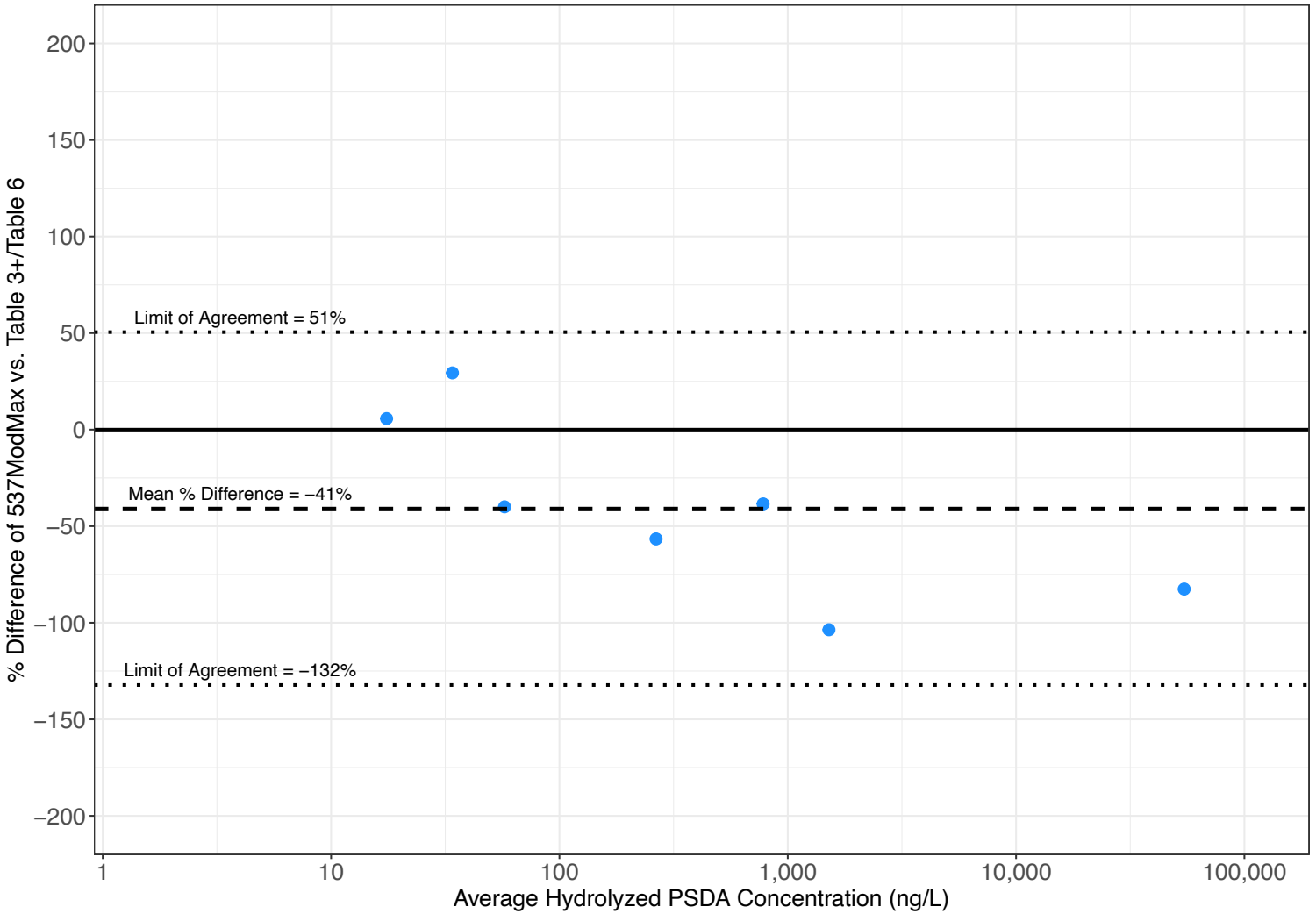
Figure
**A25**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydrolyzed PSDA**
**Comparing 537MM to T3+/T6 at LANC**

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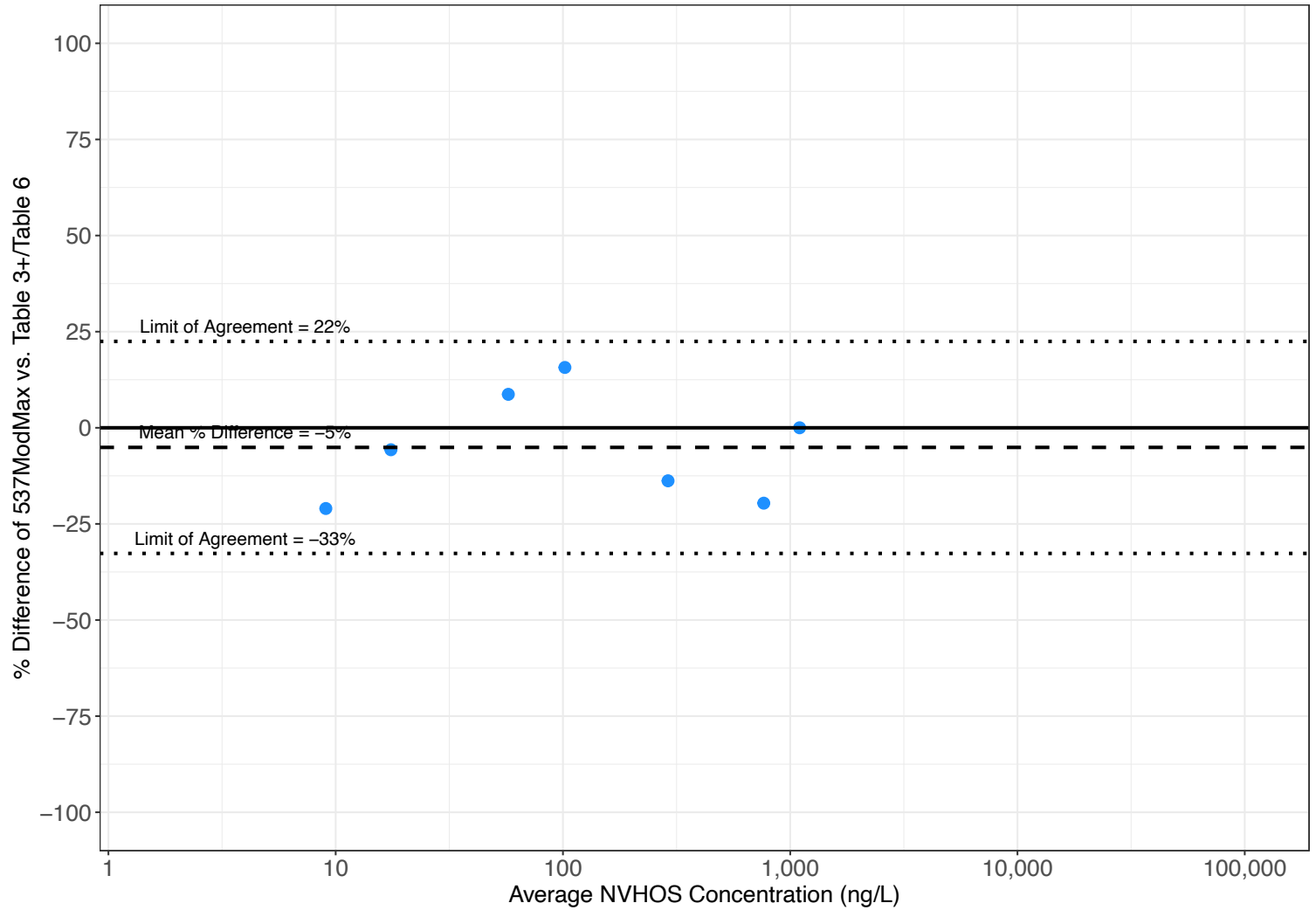
Figure
**A26**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for NVHOS**
**Comparing 537MM to T3+/T6 at LANC**
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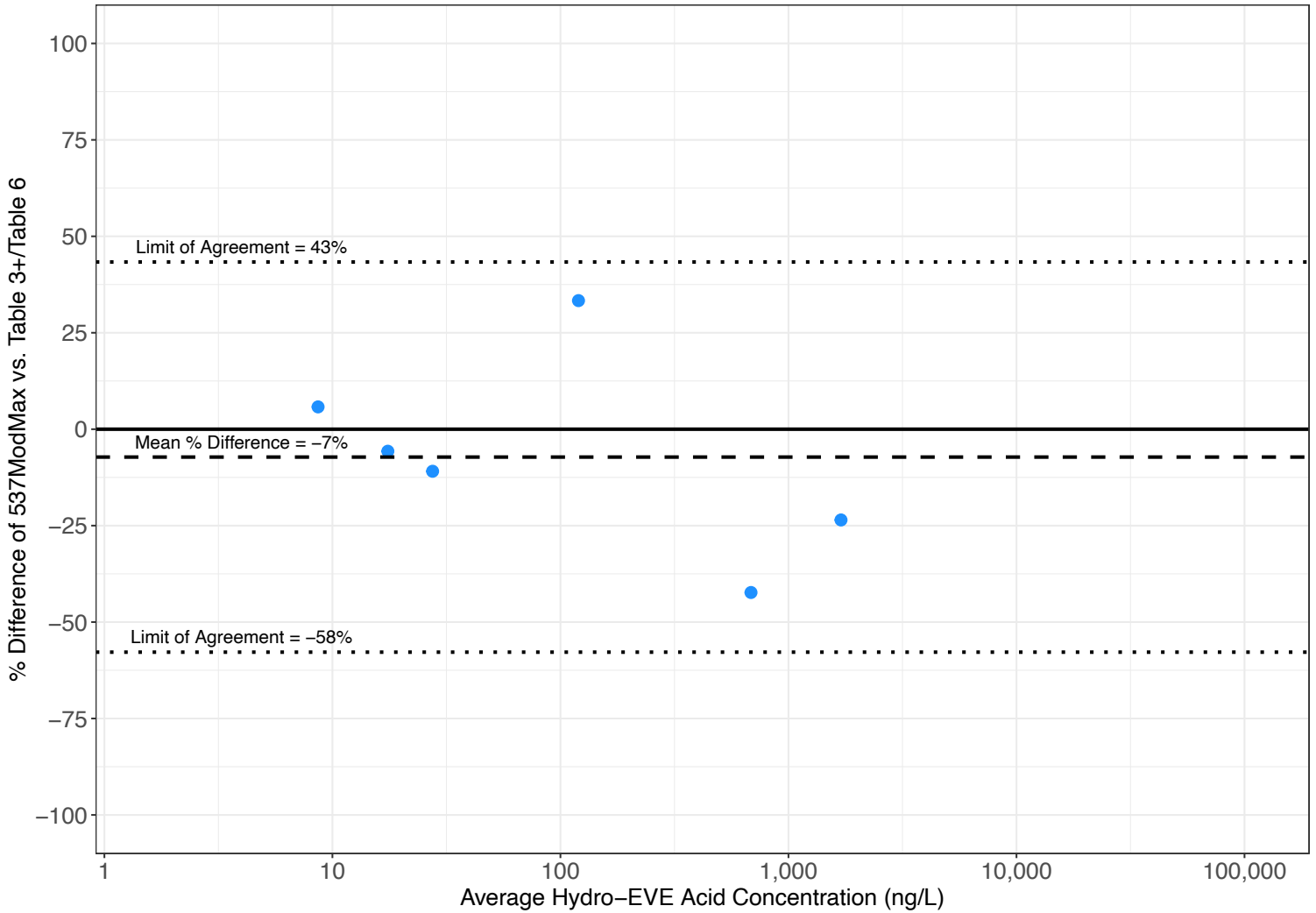
Figure
**A27**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-EVE Acid**
**Comparing 537MM to T3+/T6 at LANC**

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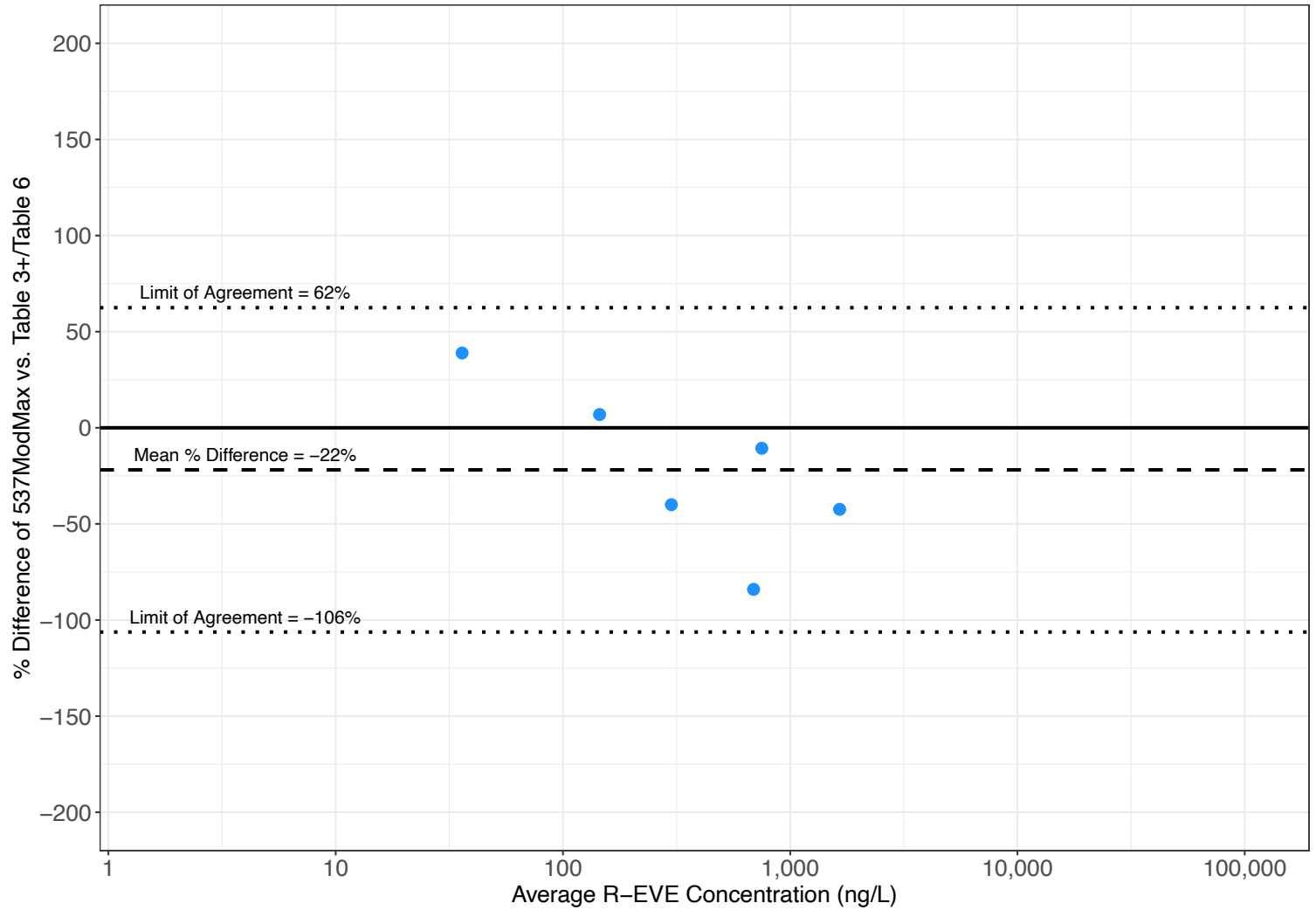
Figure
**A28**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-EVE**
**Comparing 537MM to T3+/T6 at LANC**
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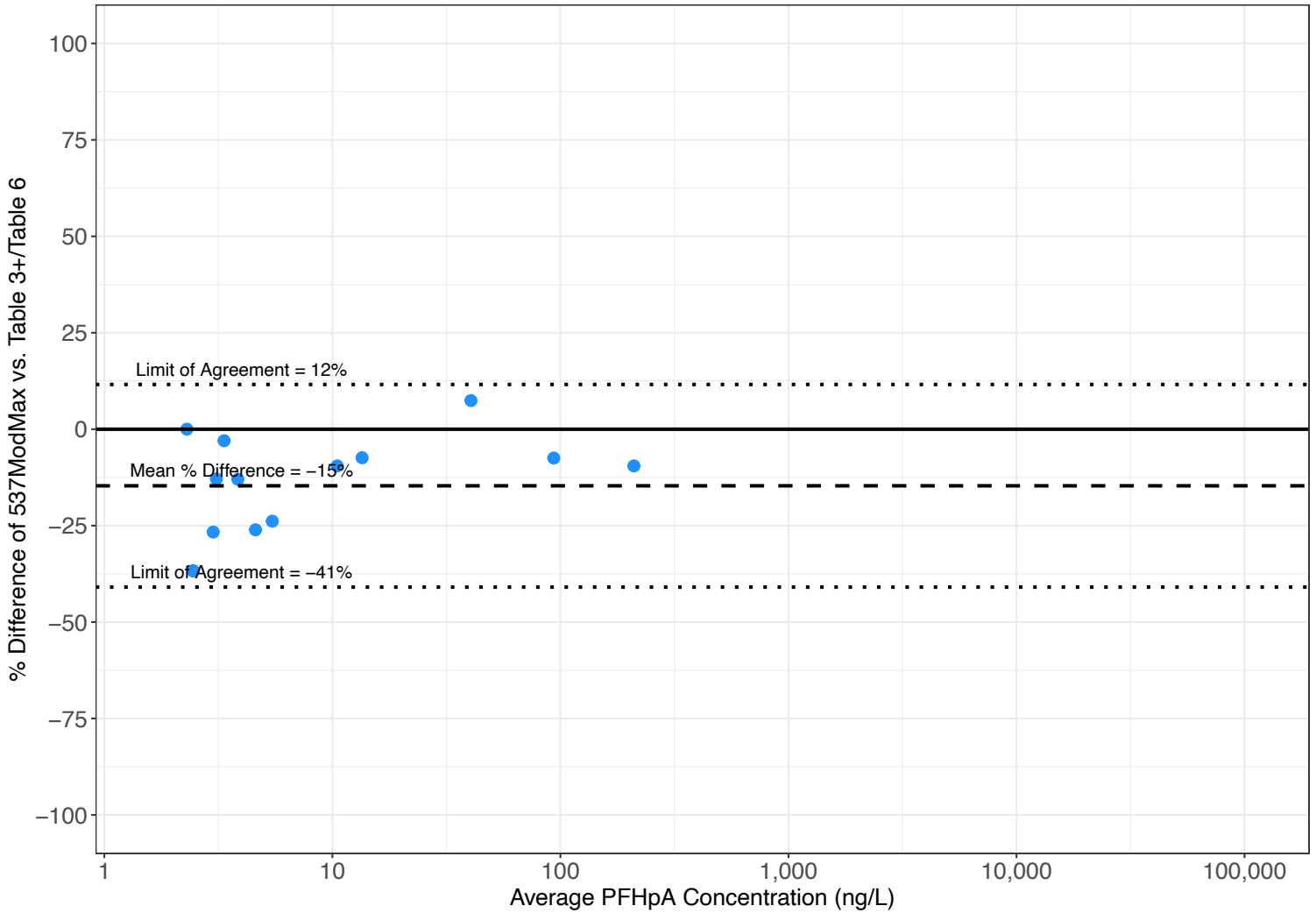
Figure
**A29**




Notes:
A percent difference >0.0 means the 537MM result is higher than the T3+/T6 result
A percent difference <0.0 means the 537MM result is lower than the T3+/T6 result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFHpA**
**Comparing 537MM to T3+/T6 at LANC**
Chemours Fayetteville Works, North Carolina

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Figure
**A30**

# APPENDIX B

# Comparison of SAC versus LANC for 537MM and for T3+/T6

# APPENDIX B

## Results of Comparison of Analytical Laboratories

Results of analysis of samples by two different laboratories, Eurofins TestAmerica-Sacramento (Sacramento, CA; SAC) and Eurofins Lancaster Laboratories Environmental (Lancaster, PA; LANC), were assessed by:

- determining how many results, analyzed by the two laboratories (by the same method) differed by more than 50%;
- review of ratio plots for a broad view of the relative performance of the two laboratories for each analyte; and
- review of Bland-Altman plots for a more detailed view of the results.

## 1. RESULTS WITHIN 50% RPD

Tables B1 and B2 show the results of the ±50% calculations for SAC versus LANC results for USEPA Method 537Mod Max (537MM) and for Method Table 3+ plus Method Table 6 (T3+/T6), respectively.

For 537MM, there were 252 data pairs, of which 233, or 92.5%, were considered to be the same (that is, ±50%). Of the 19 results that were outside the 50% criterion, 7 were higher at SAC than at LANC and 12 were lower at SAC than at LANC.

For T3+/T6, there were 244 data pairs, of which 222, or 91.0%, were considered to be the same (that is, ±50%). Of the 22 results that were outside the 50% criterion, 6 were higher at SAC than at LANC and 16 results were lower at SAC than at LANC.

Overall, with a few exceptions, the analytical results obtained by LANC are the same as those obtained by SAC (within ±50%) for both 537MM and T3+/T6.

## 2. RATIO PLOTS

Ratio plots were created by calculating the ratio of the T3+ results from SAC and from LANC and the ratio of the 537MM results from SAC and from LANC. An RPD of 50% was considered acceptable. In these plots, if the average ratio is >1, then the LANC result is higher than the SAC result; if the average ratio is <1, then the LANC result is lower than the SAC result.

Results are shown in Figure B1 for the 537MM data from SAC and from LANC and in Figure B2 for the T3+ data from SAC and from LANC. Figures B1 and B2 show that the average ratio for all analytes with calculable ratios was within ±50% for both analytical methods with the exception of Hydrolyzed PSDA and R-EVE by the T3+/T6 analytical method, for which LANC generated higher results than LANC. This means the 537MM analytical results obtained by SAC are the same as those obtained by LANC (within ±50%) and that the T3+/T6 analytical results obtained by SAC are generally same as those obtained by LANC (within ±50%).

## 3. BLAND-ALTMAN PLOTS

Results are shown in Figures B3 through B18 for the 537MM data from SAC and LANC and in Figures 19 through 35 for the T3+/T6 data from SAC and LANC, and are summarized in Table B3.

The mean percent difference between the 537MM data from SAC and from LANC ranges from -25% (for Hydro-PS Acid; results from SAC average 25% higher for this compound than results from LANC) to 29% (for PFMOAA; results from SAC average 25% lower for this compound than results from LANC. All mean percent differences are within ±50%. The 537MM results from SAC and from LANC are considered to be equivalent.

The mean percent difference between the T3+/T6 data from SAC and from LANC ranges from -29% (for HFPO-DA; results from SAC average 29% higher for this compound than results from LANC) to 86% (for Hydrolyzed PSDA; results from SAC average 86% lower for this compound than from LANC).

All mean percent differences are within ±50% with the exception of Hydrolyzed PSDA (86%). Hydrolyzed PSDA is a diprotic compound which can be difficult to analyze due to severe matrix effects; therefore, this is an expected outcome.

## 4. CONCLUSIONS

The results show that the 537MM results from SAC and from LANC are equivalent, and the T3+/T6 results from SAC and from LANC are equivalent.

**TABLE B1**
**PERCENT DIFFERENCE IN ANALYSIS OF SAMPLES BY 537MM AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | Total Number of Results | Number of Results That Are the Same (Within ±50%) | Number of Results That Are Different by More Than ±50% | SAC Result is Higher by More Than 50% | LANC Result is Higher by More Than 50% |
|---|---|---|---|---|---|
| HFPO Dimer Acid | 25 | 25 | 0 | 0 | 0 |
| PFMOAA | 28 | 23 | 5 | 0 | 5 |
| PFO2HxA | 29 | 28 | 1 | 1 | 0 |
| PFO3OA | 22 | 20 | 2 | 2 | 0 |
| PFO4DA | 16 | 16 | 0 | 0 | 0 |
| PFO5DA | 5 | 4 | 1 | 0 | 1 |
| PMPA | 29 | 29 | 0 | 0 | 0 |
| PEPA | 26 | 24 | 2 | 2 | 0 |
| PS Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-PS Acid | 20 | 20 | 0 | 0 | 0 |
| R-PSDA | 8 | 4 | 4 | 1 | 3 |
| Hydrolyzed PSDA | 7 | 3 | 4 | 1 | 3 |
| R-PSDCA | 0 | 0 | 0 | 0 | 0 |
| NVHOS | 7 | 7 | 0 | 0 | 0 |
| EVE Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-EVE Acid | 6 | 6 | 0 | 0 | 0 |
| R-EVE | 8 | 8 | 0 | 0 | 0 |
| PES | 0 | 0 | 0 | 0 | 0 |
| PFECA B | 0 | 0 | 0 | 0 | 0 |
| PFECA-G | 0 | 0 | 0 | 0 | 0 |
| Perfluoroheptanoic Acid | 14 | 14 | 0 | 0 | 0 |
| ***Total*** | ***252*** | ***233*** | ***19*** | ***7*** | ***12*** |
| | ***100.0%*** | ***92.5%*** | ***7.5%*** | ***2.8%*** | ***4.8%*** |

*Notes:*
537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

**TABLE B2**
**PERCENT DIFFERENCE IN ANALYSIS OF SAMPLES BY T3+/T6 AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | Total Number of Results | Number of Results That Are the Same (Within ±50%) | Number of Results That Are Different by More Than ±50% | SAC Result is Higher by More Than 50% | LANC Result is Higher by More Than 50% |
|---|---|---|---|---|---|
| HFPO Dimer Acid | 23 | 19 | 4 | 4 | 0 |
| PFMOAA | 27 | 25 | 2 | 0 | 2 |
| PFO2HxA | 29 | 29 | 0 | 0 | 0 |
| PFO3OA | 22 | 22 | 0 | 0 | 0 |
| PFO4DA | 16 | 16 | 0 | 0 | 0 |
| PFO5DA | 5 | 5 | 0 | 0 | 0 |
| PMPA | 27 | 23 | 4 | 1 | 3 |
| PEPA | 23 | 22 | 1 | 0 | 1 |
| PS Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-PS Acid | 20 | 20 | 0 | 0 | 0 |
| R-PSDA | 7 | 5 | 2 | 0 | 2 |
| Hydrolyzed PSDA | 7 | 1 | 6 | 0 | 6 |
| R-PSDCA | 3 | 3 | 0 | 0 | 0 |
| NVHOS | 7 | 7 | 0 | 0 | 0 |
| EVE Acid | 1 | 1 | 0 | 0 | 0 |
| Hydro-EVE Acid | 6 | 6 | 0 | 0 | 0 |
| R-EVE | 6 | 4 | 2 | 0 | 2 |
| PES | 0 | 0 | 0 | 0 | 0 |
| PFECA B | 0 | 0 | 0 | 0 | 0 |
| PFECA-G | 0 | 0 | 0 | 0 | 0 |
| Perfluoroheptanoic Acid | 14 | 13 | 1 | 1 | 0 |
| ***Total*** | ***244*** | ***222*** | ***22*** | ***6*** | ***16*** |
| | ***100.0%*** | ***91.0%*** | ***9.0%*** | ***2.5%*** | ***6.6%*** |

*Notes:*
T3+/T6 - Method Table 3+ plus Method Table 6
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

**TABLE B3**
**BLAND-ALTMAN ANALYSIS OF 537MM RESULTS AT SAC AND LANC AND T3+/T6 RESULTS AT SAC AND LANC**
**Chemours, Fayetteville Works, North Carolina**

| Analyte | 537MM | T3+/T6 |
|---|---|---|
| | Mean Percent Difference | Mean Percent Difference |
| Hfpo Dimer Acid | -19% | -29% |
| PFMOAA | 29% | 9% |
| PFO2HxA | -9% | 8% |
| PFO3OA | -9% | -5% |
| PFO4DA | 9% | 7% |
| PFO5DA | 10% | 0% |
| PMPA | -8% | 14% |
| PEPA | -24% | 4% |
| PS Acid | -- | -- |
| Hydro-PS Acid | -25% | 13% |
| R-PSDA | 21% | 31% |
| Hydrolyzed PSDA | 27% | 86% |
| R-PSDCA | -- | 1% |
| NVHOS | -21% | 3% |
| EVE Acid | -- | -- |
| Hydro-EVE Acid | -8% | 12% |
| R-EVE | 5% | 43% |
| PES | -- | -- |
| PFECA B | -- | -- |
| PFECA-G | -- | -- |
| Perfluoroheptanoic Acid | -12% | -19% |

*Notes:*

percent difference - a positive percent difference means the average LANC result is higher than the average SAC result, and a negative percent difference means the average LANC result is lower than the average SAC result

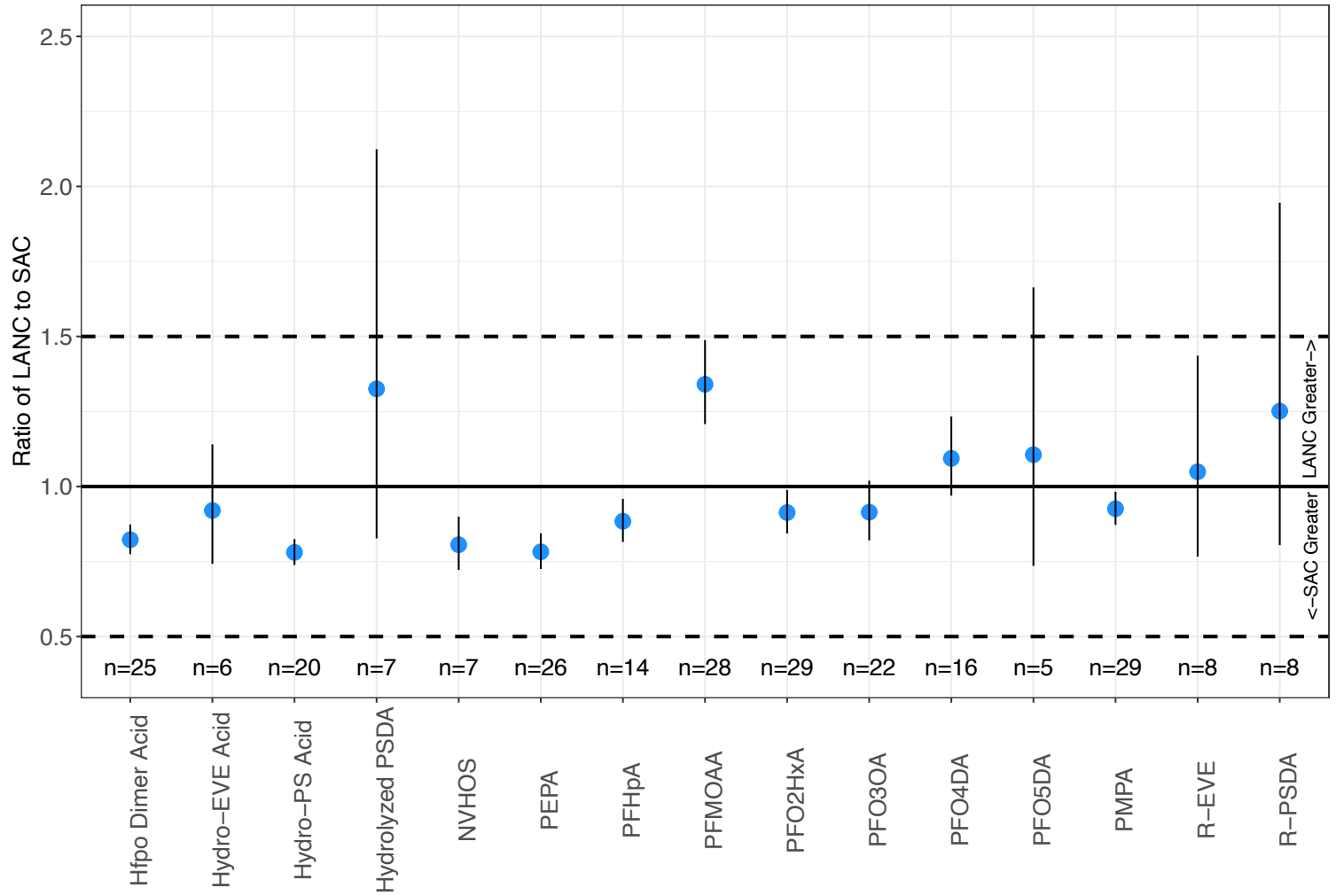
-- - percent difference cannot be calculated; there are fewer than 3 pairs with 2 detects

537MM - USEPA Method 537Mod Max

LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)

SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

T3+/T6 - Method Table 3+ plus Method Table 6




Notes:
A ratio >1.0 means the LANC result is higher than the SAC result
A ratio <1.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

– · – ±50% of a ratio of 1.0

**Average Ratio of LANC Result to SAC Result by Analyte – 537Mod Max**

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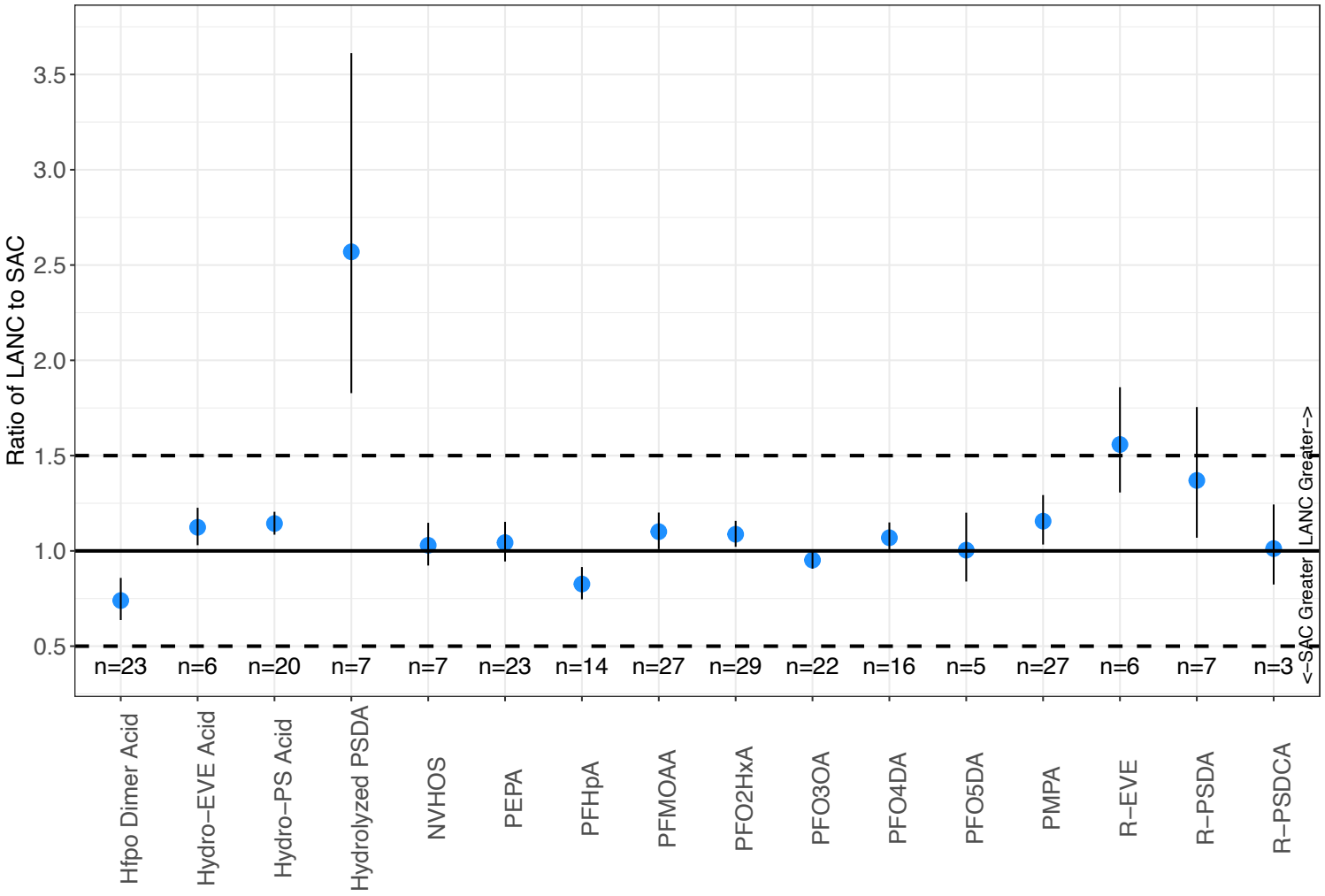
Figure **B1**




Notes:
A ratio >1.0 means the LANC result is higher than the SAC result
A ratio <1.0 means the LANC result is lower than the SAC result

LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

- - - ±50% of a ratio of 1.0

**Average Ratio of LANC Result to SAC Result by Analyte – T3+/T6**

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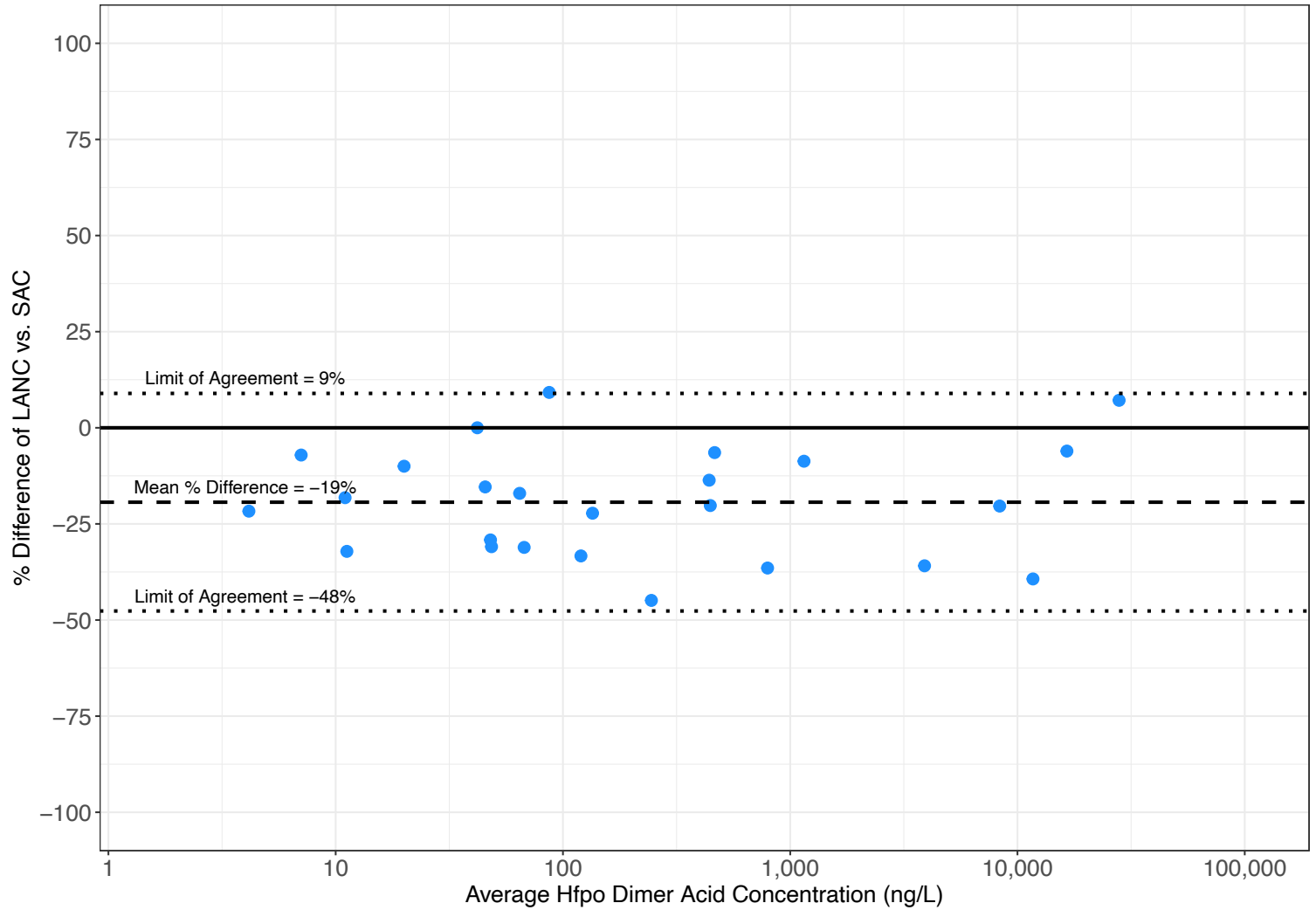
Figure **B2**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for HFPO-DA**
**Comparing SAC to LANC for 537MM**

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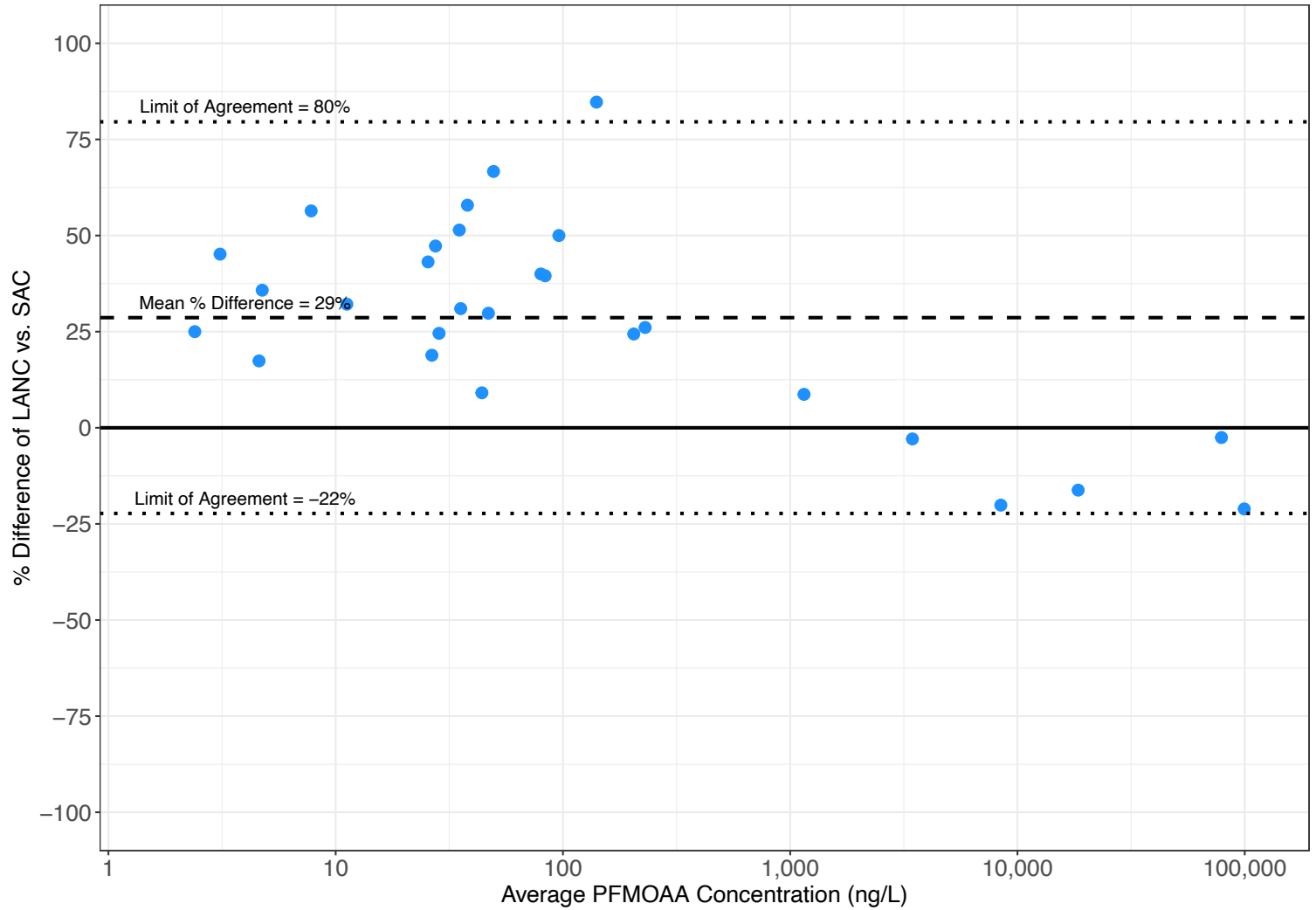
Figure
**B3**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

mean (average) relative percent difference of all data pairs
±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFMOAA**
**Comparing SAC to LANC for 537MM**

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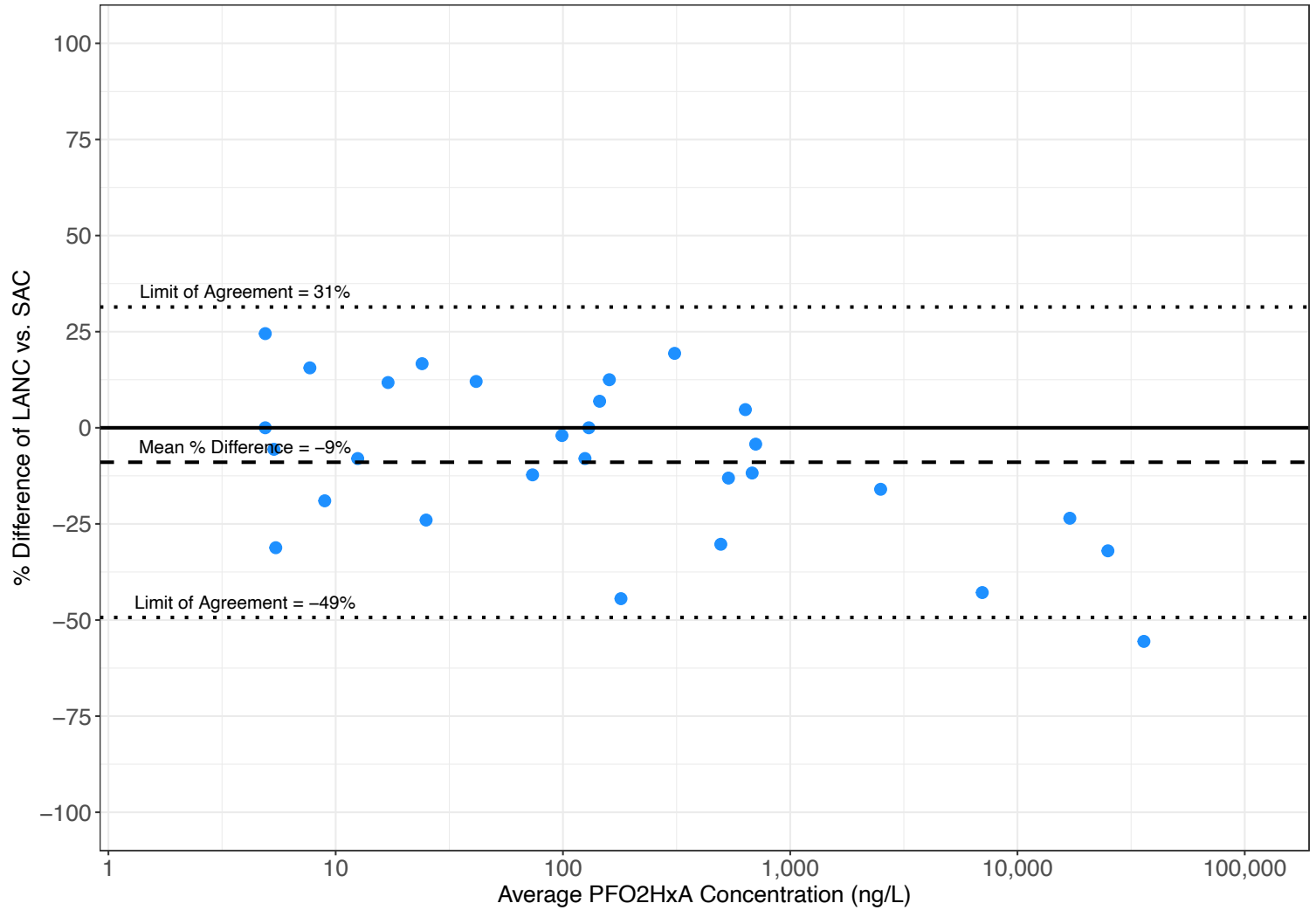
Figure
**B4**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO2HxA**
**Comparing SAC to LANC for 537MM**

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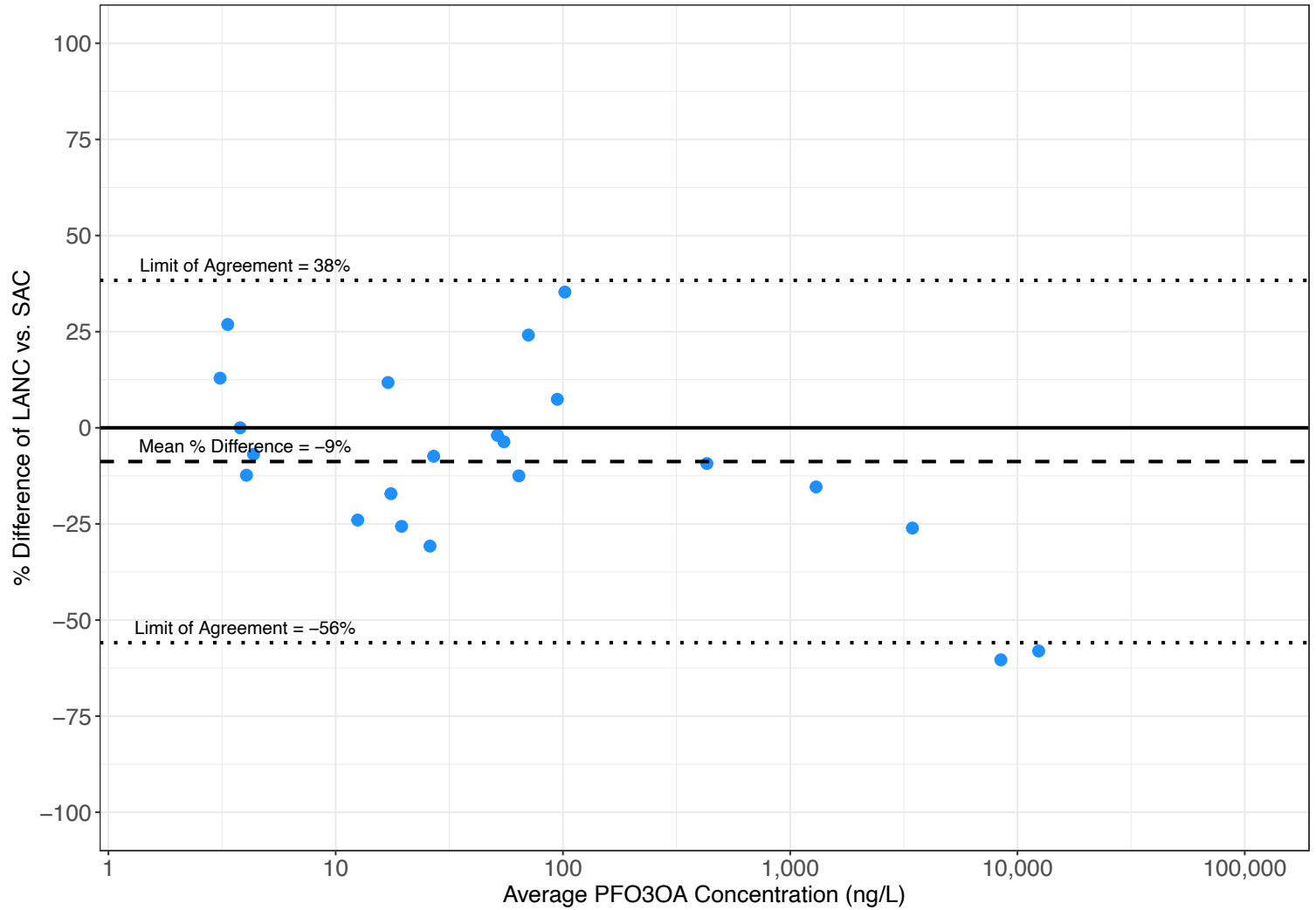
Figure
**B5**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO3OA**
**Comparing SAC to LANC for 537MM**

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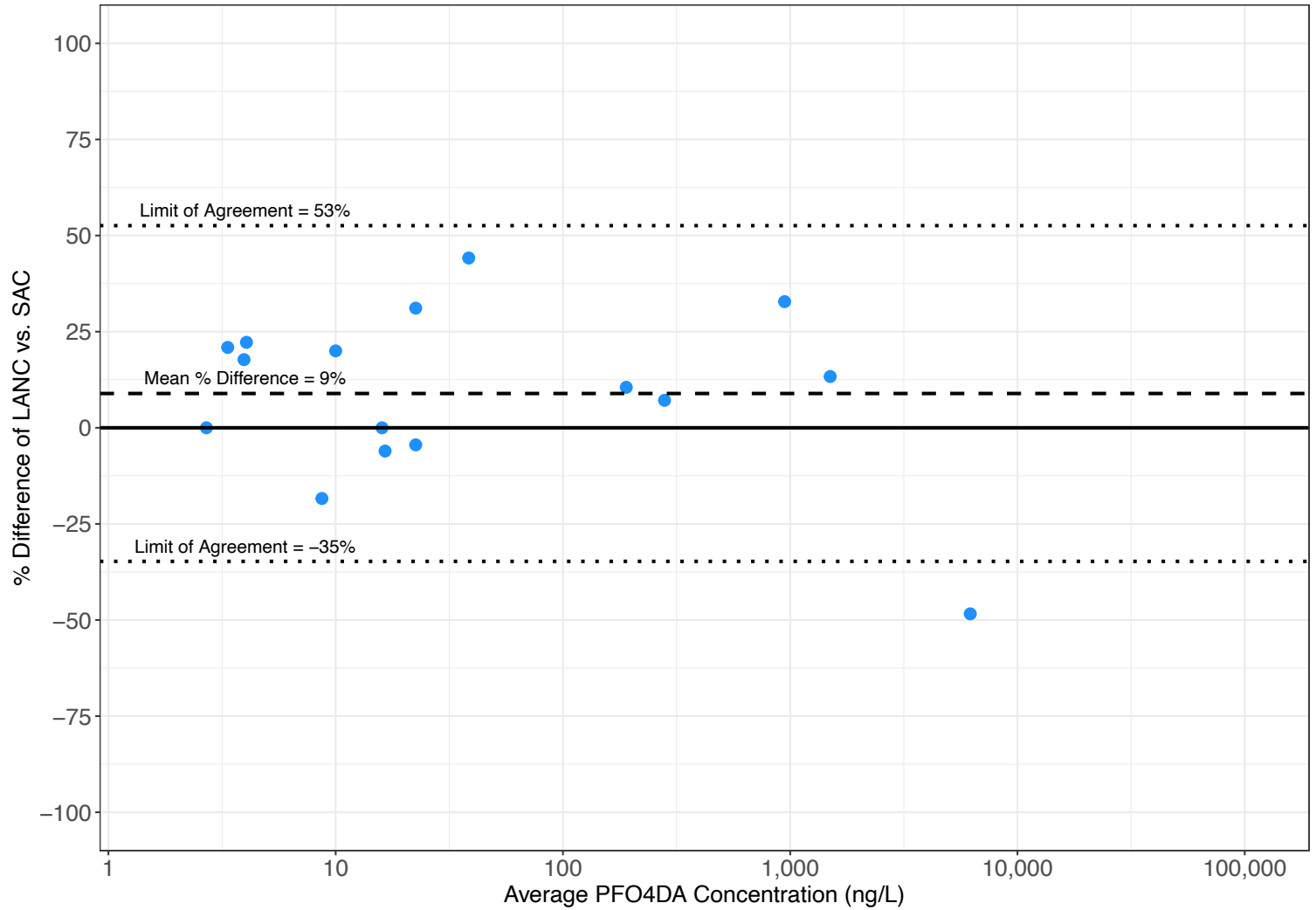
Figure
**B6**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO4DA**
**Comparing SAC to LANC for 537MM**

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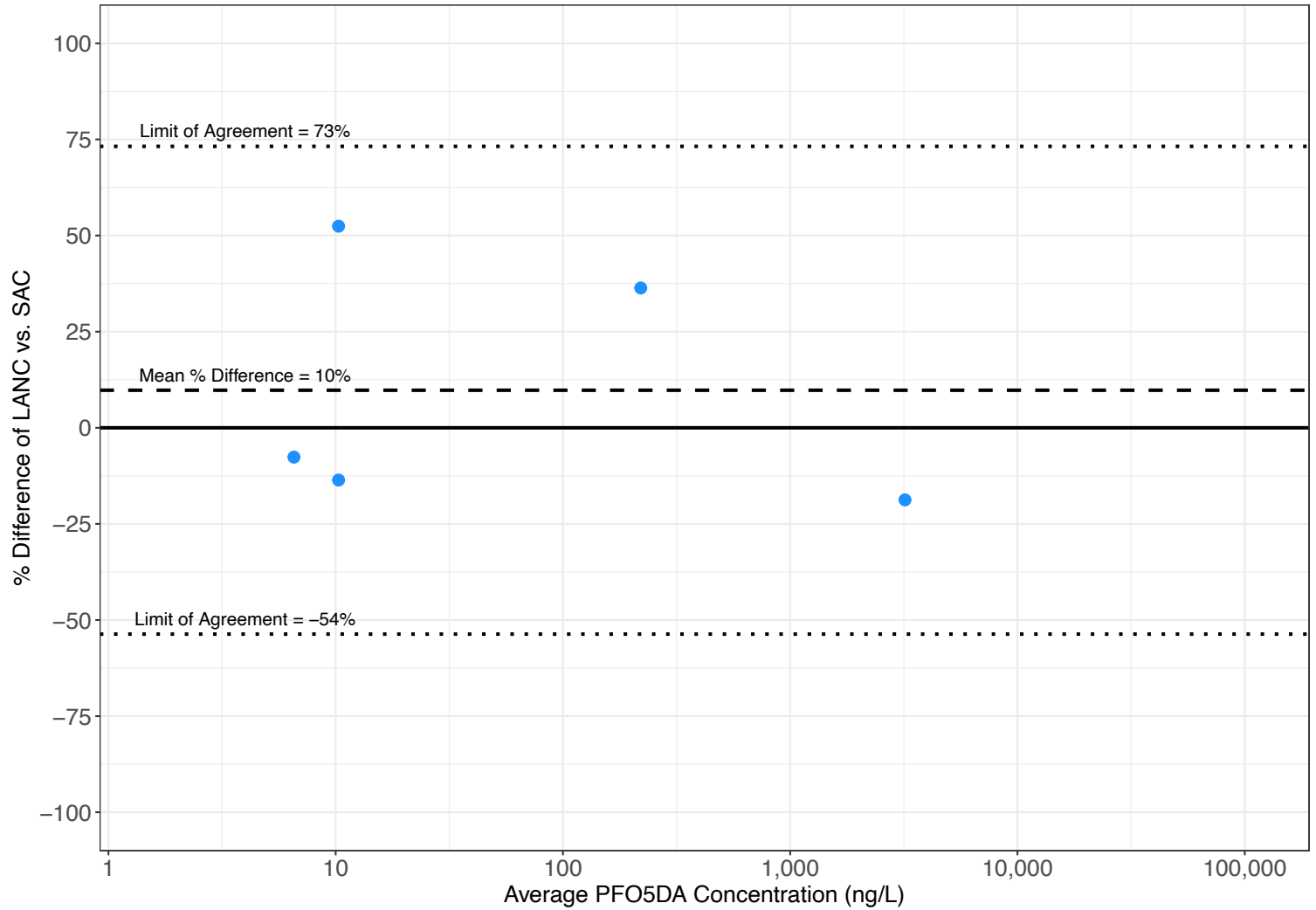
Figure
**B7**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO5DA**
**Comparing SAC to LANC for 537MM**

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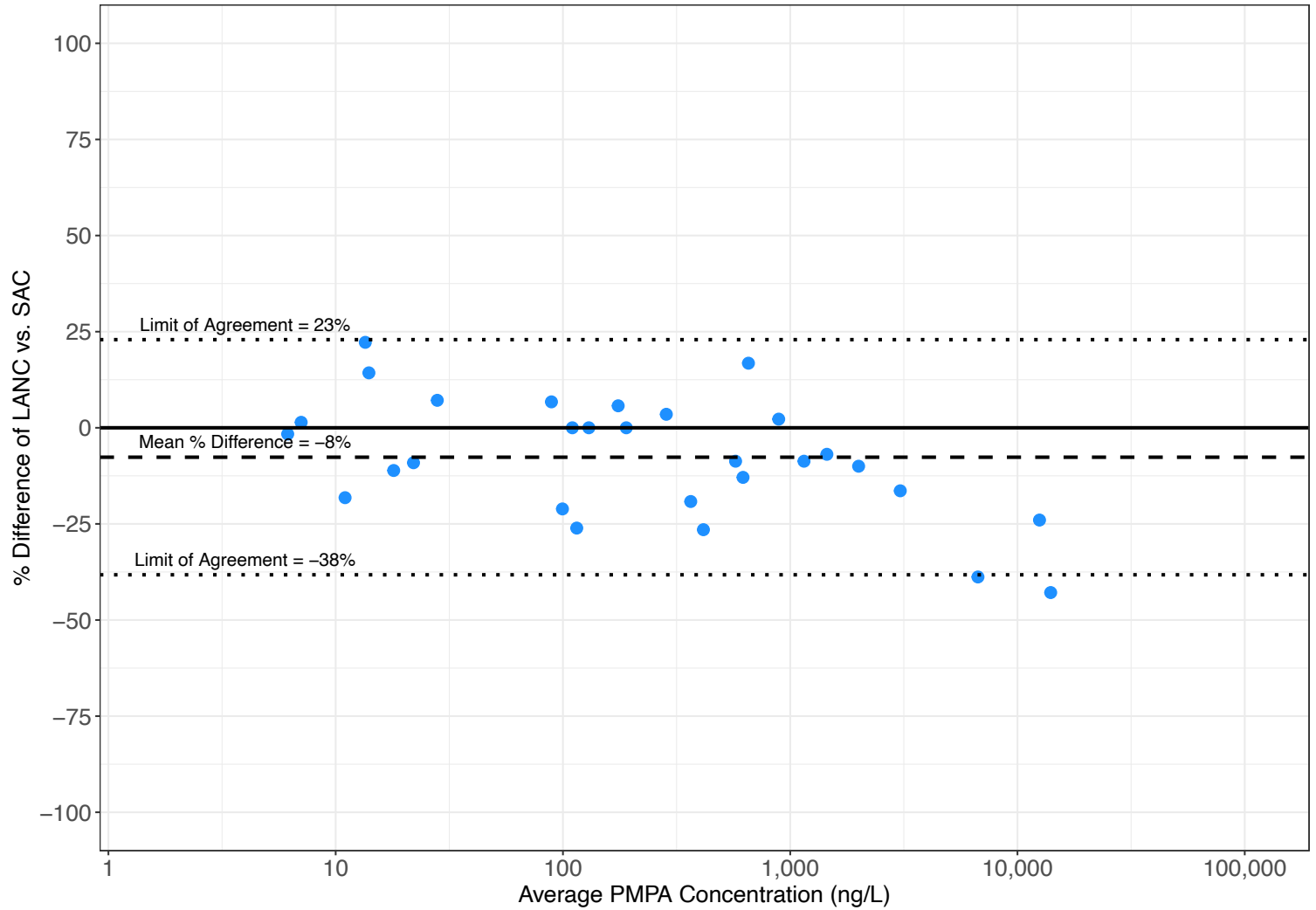
Figure **B8**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PMPA**
**Comparing SAC to LANC for 537MM**
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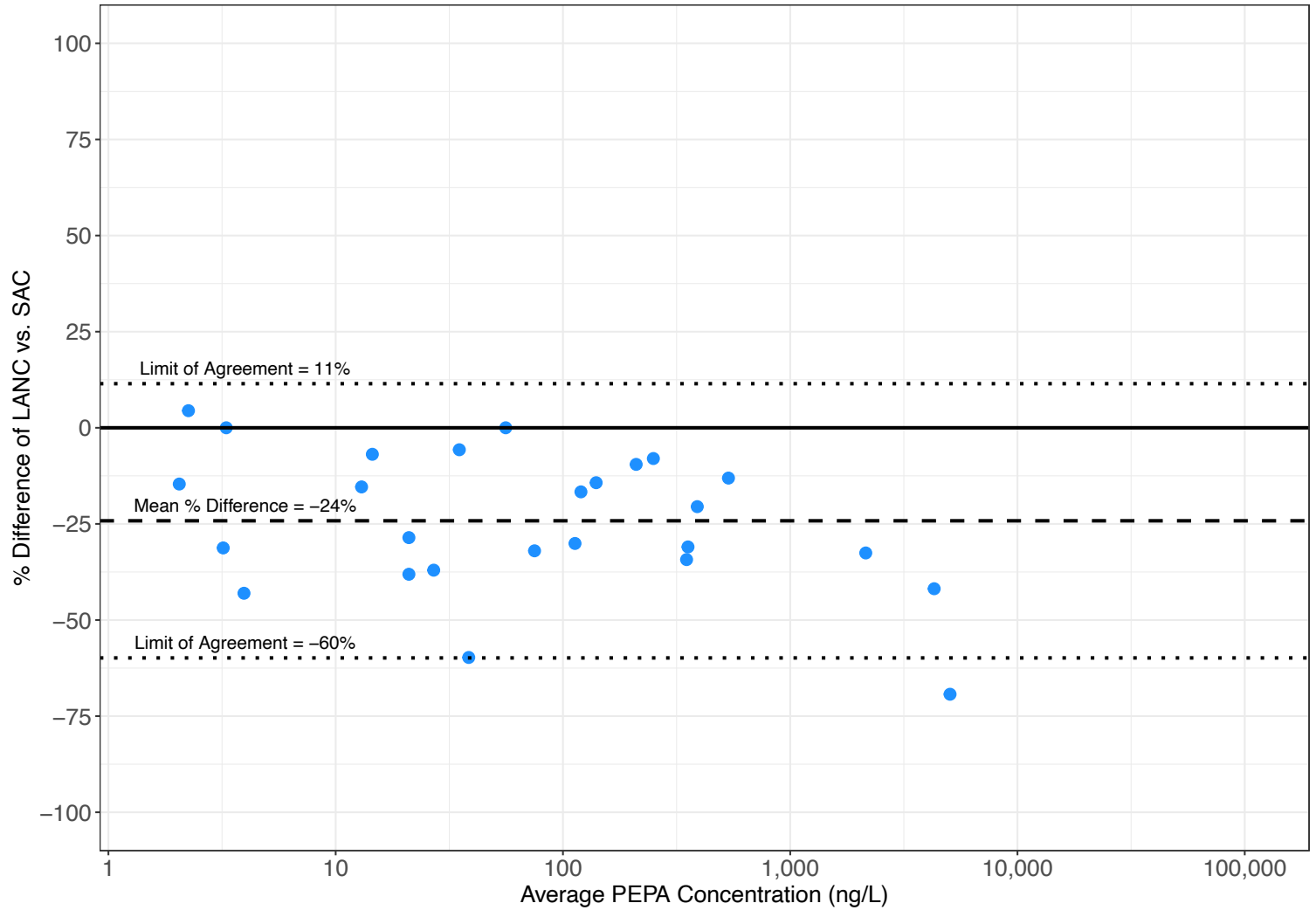
Figure
**B9**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PEPA**
**Comparing SAC to LANC for 537MM**
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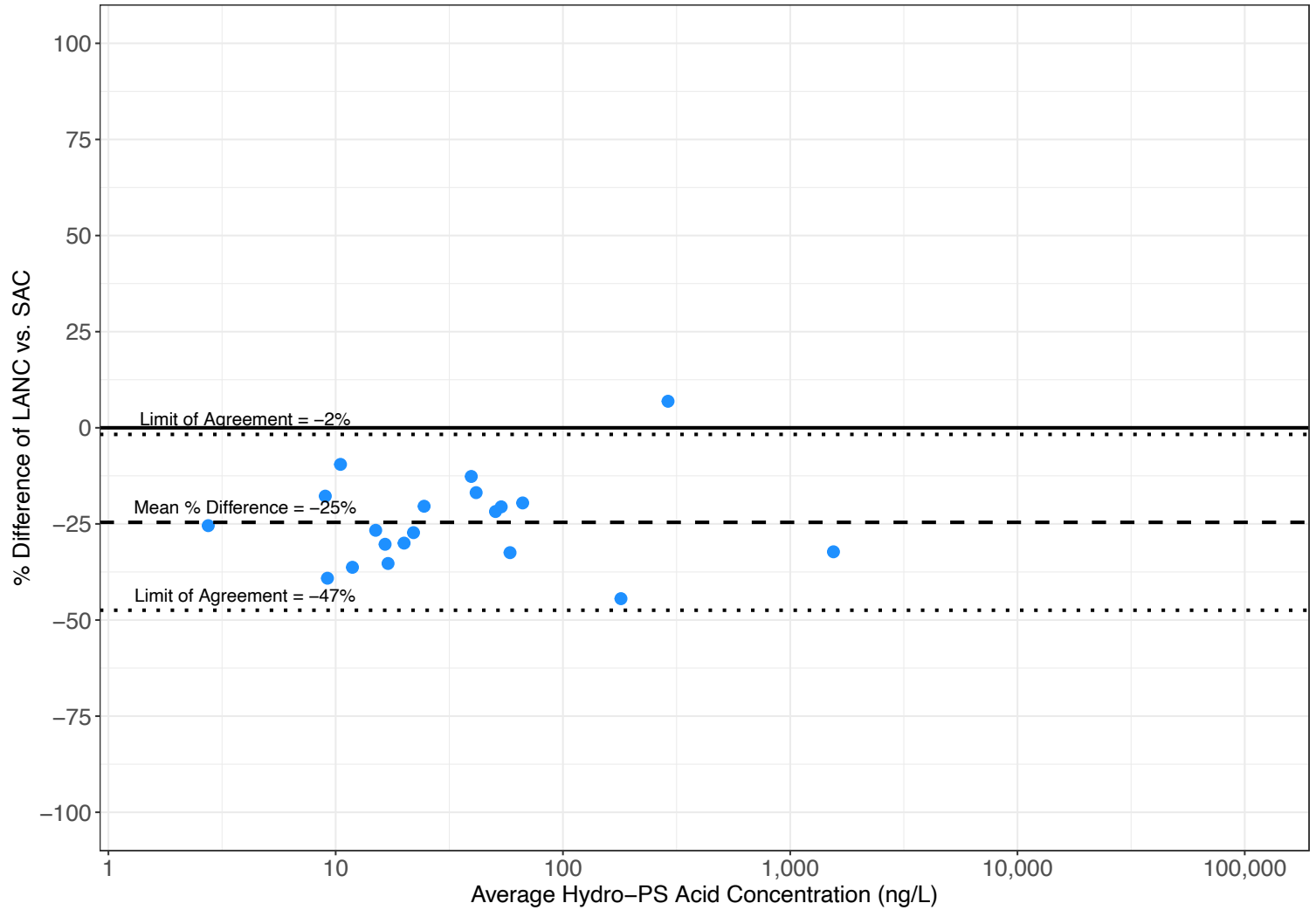
Figure
**B10**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-PS Acid**
**Comparing SAC to LANC for 537MM**

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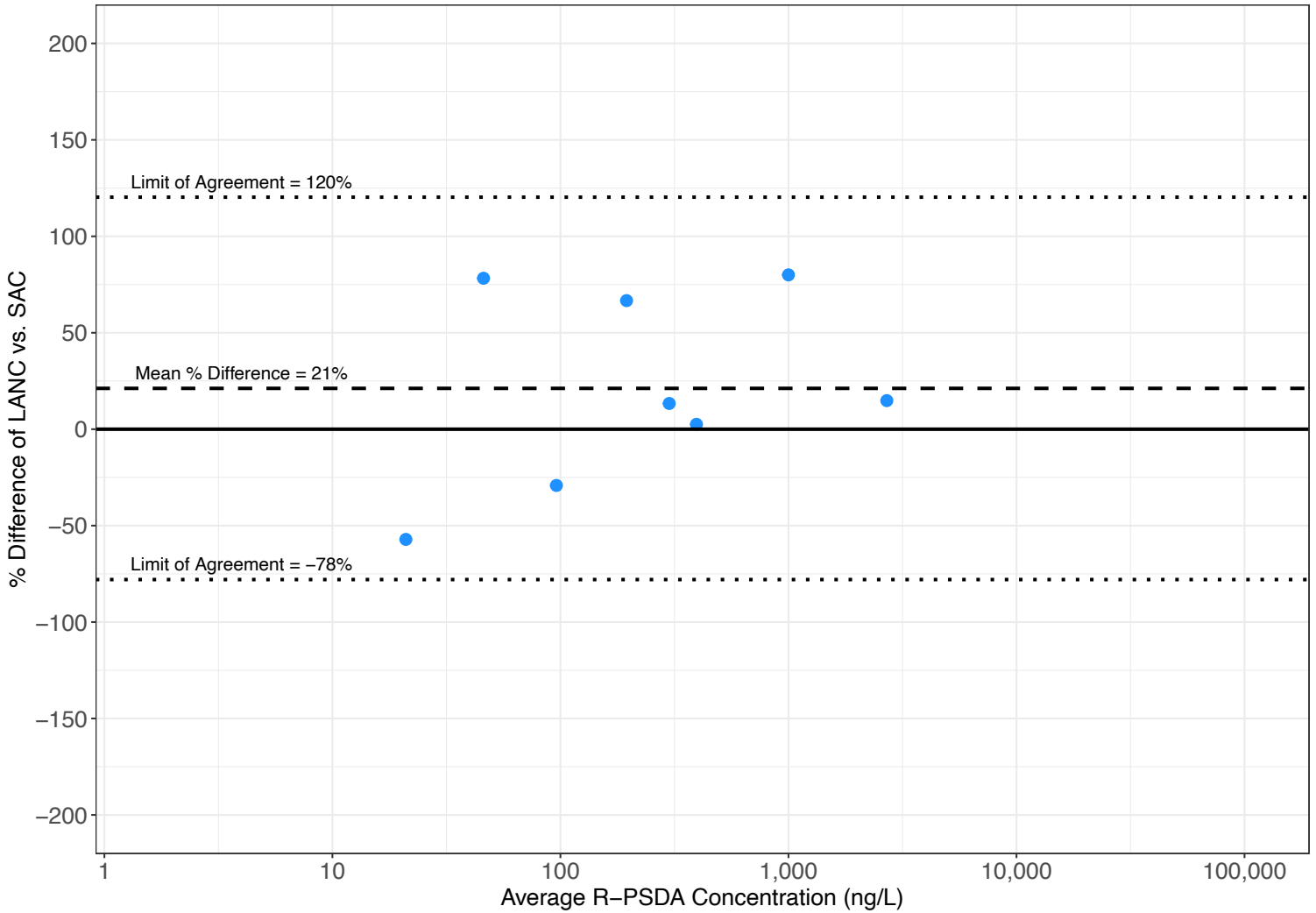
Figure
**B11**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-PSDA**
**Comparing SAC to LANC for 537MM**

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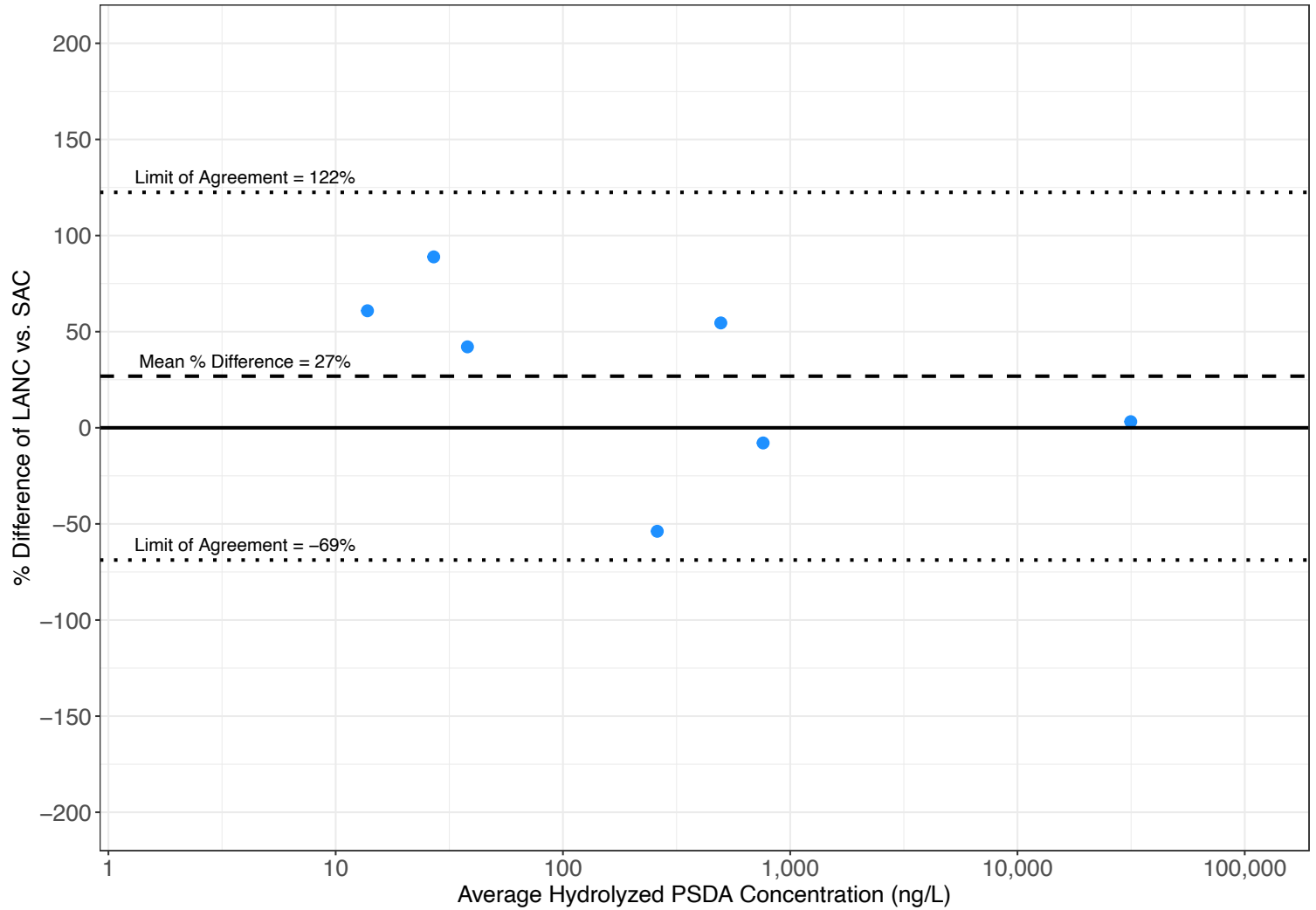
Figure
**B12**




Notes:
A percent difference >0.0 means the LANC result is higher than the SAC result
A percent difference <0.0 means the LANC result is lower than the SAC result

537MM - USEPA Method 537Mod Max
LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

– – mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydrolyzed PSDA**
**Comparing SAC to LANC for 537MM**

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Geosyntec consultants

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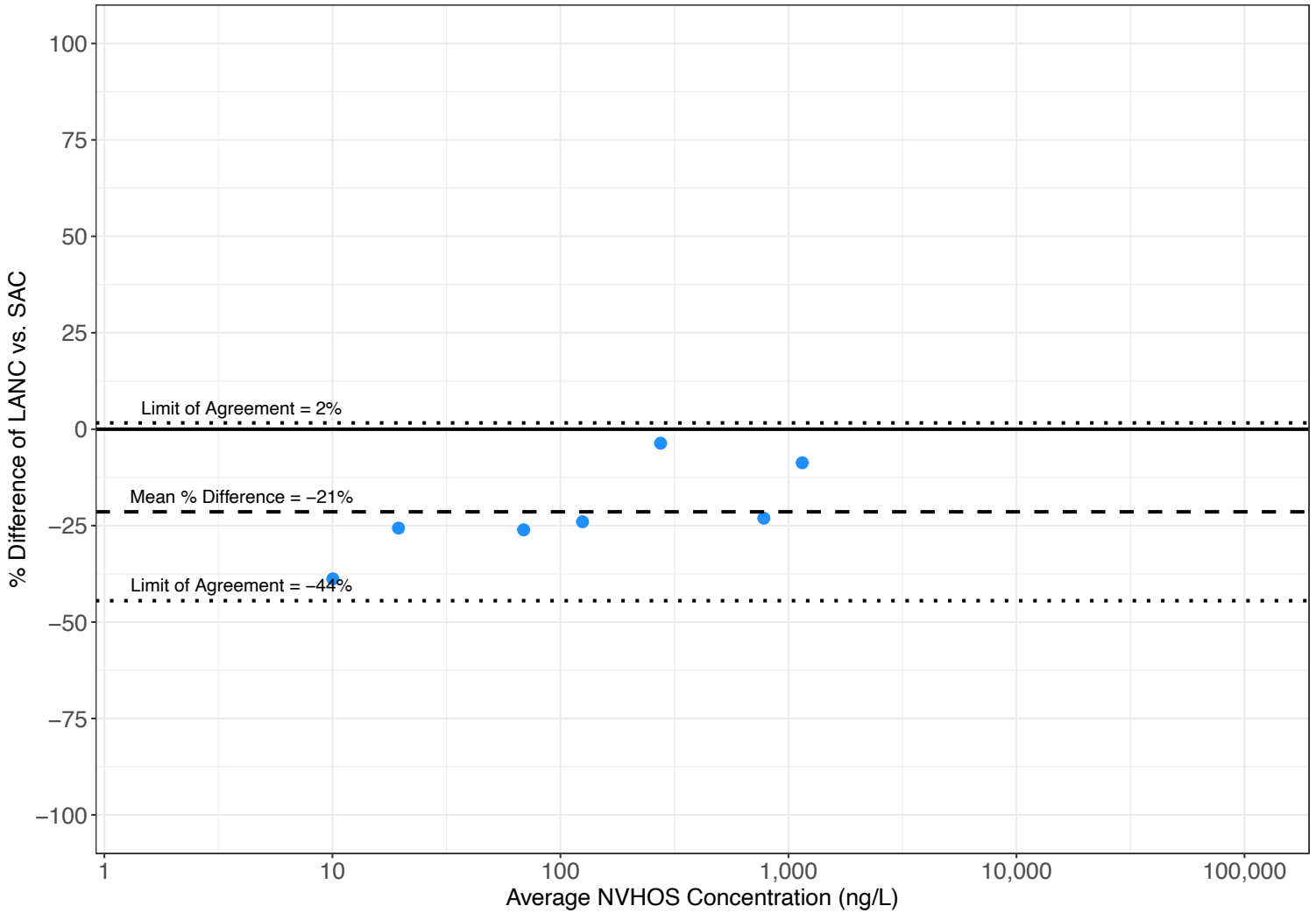
Figure
**B13**




Notes:
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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for NVHOS**
**Comparing SAC to LANC for 537MM**
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Geosyntec consultants

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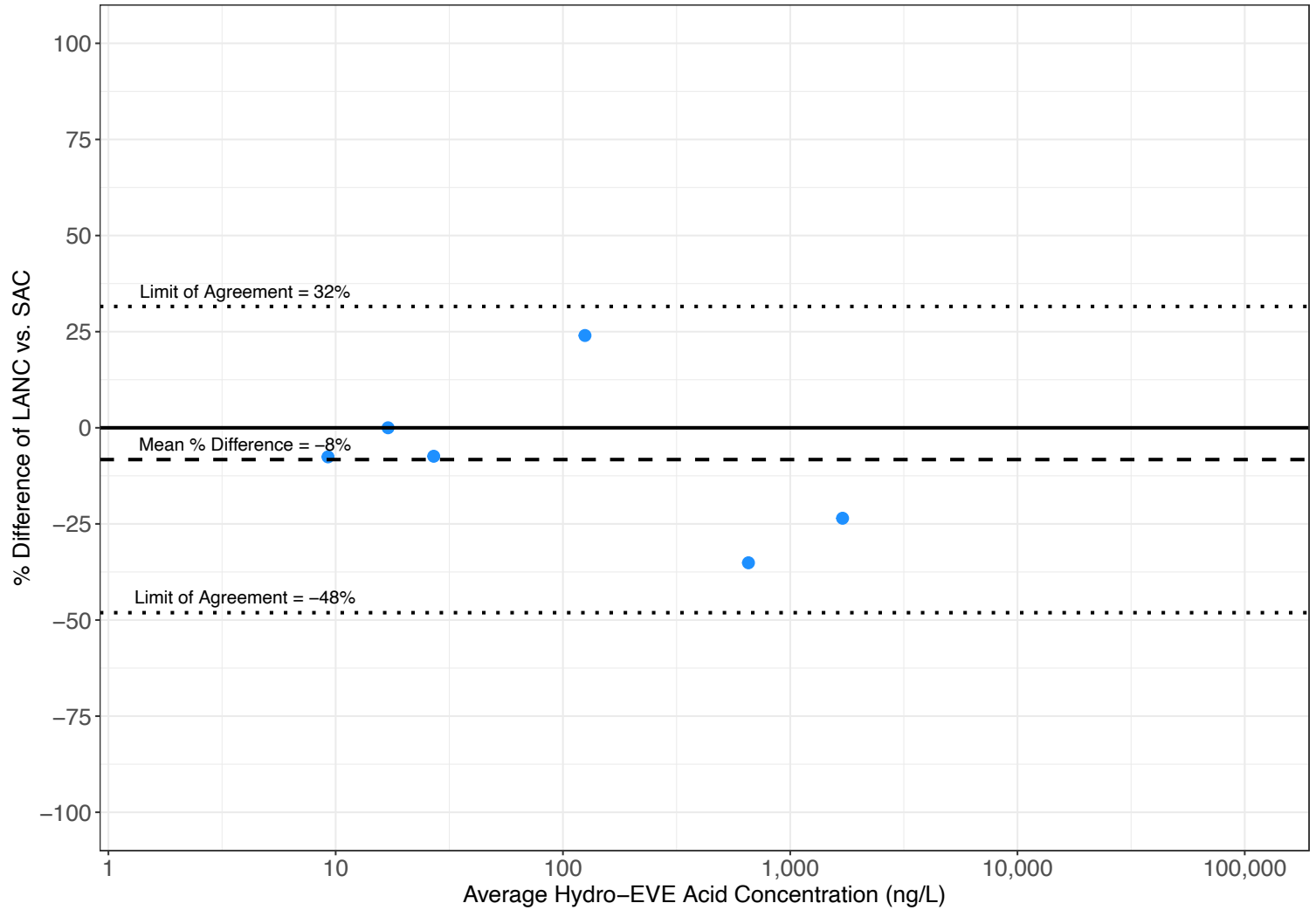
Figure
**B14**




Notes:
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LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydro-EVE Acid Comparing SAC to LANC for 537MM**

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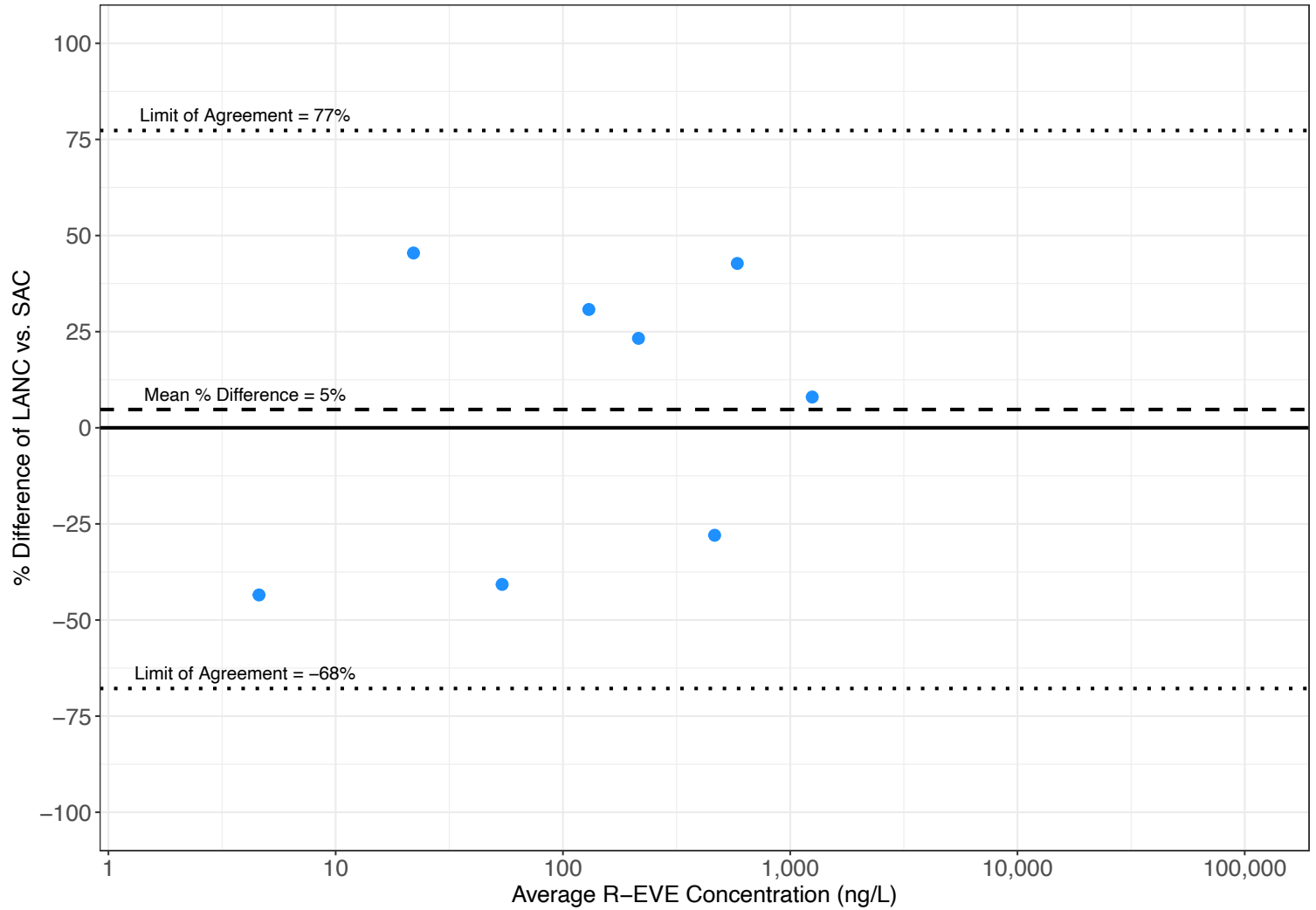
Figure **B15**




Notes:
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LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-EVE**
**Comparing SAC to LANC for 537MM**
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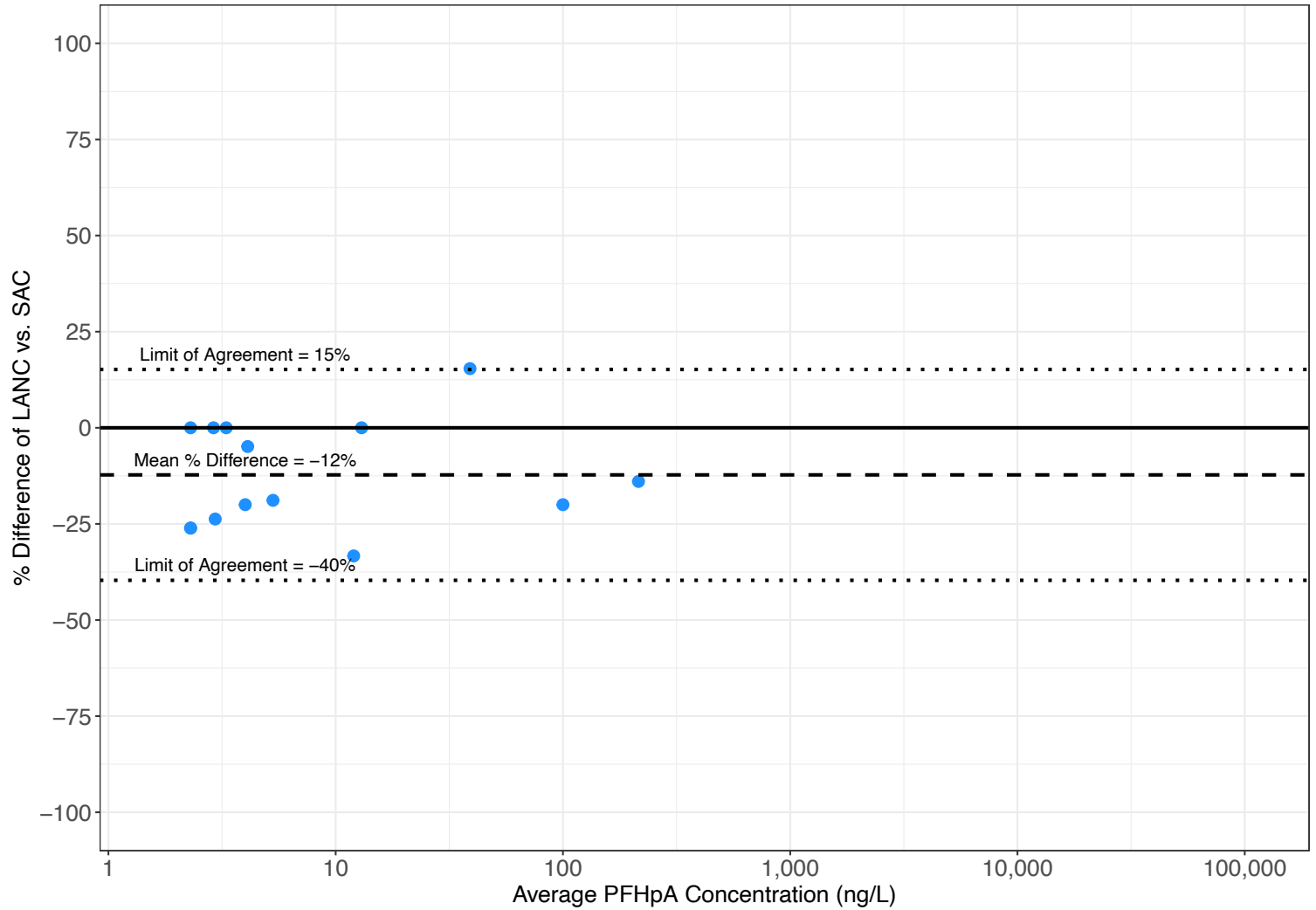
Figure
**B16**




Notes:
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LANC - Eurofins Lancaster Laboratories Environmental (Lancaster, PA)
SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFHpA**
**Comparing SAC to LANC for 537MM**
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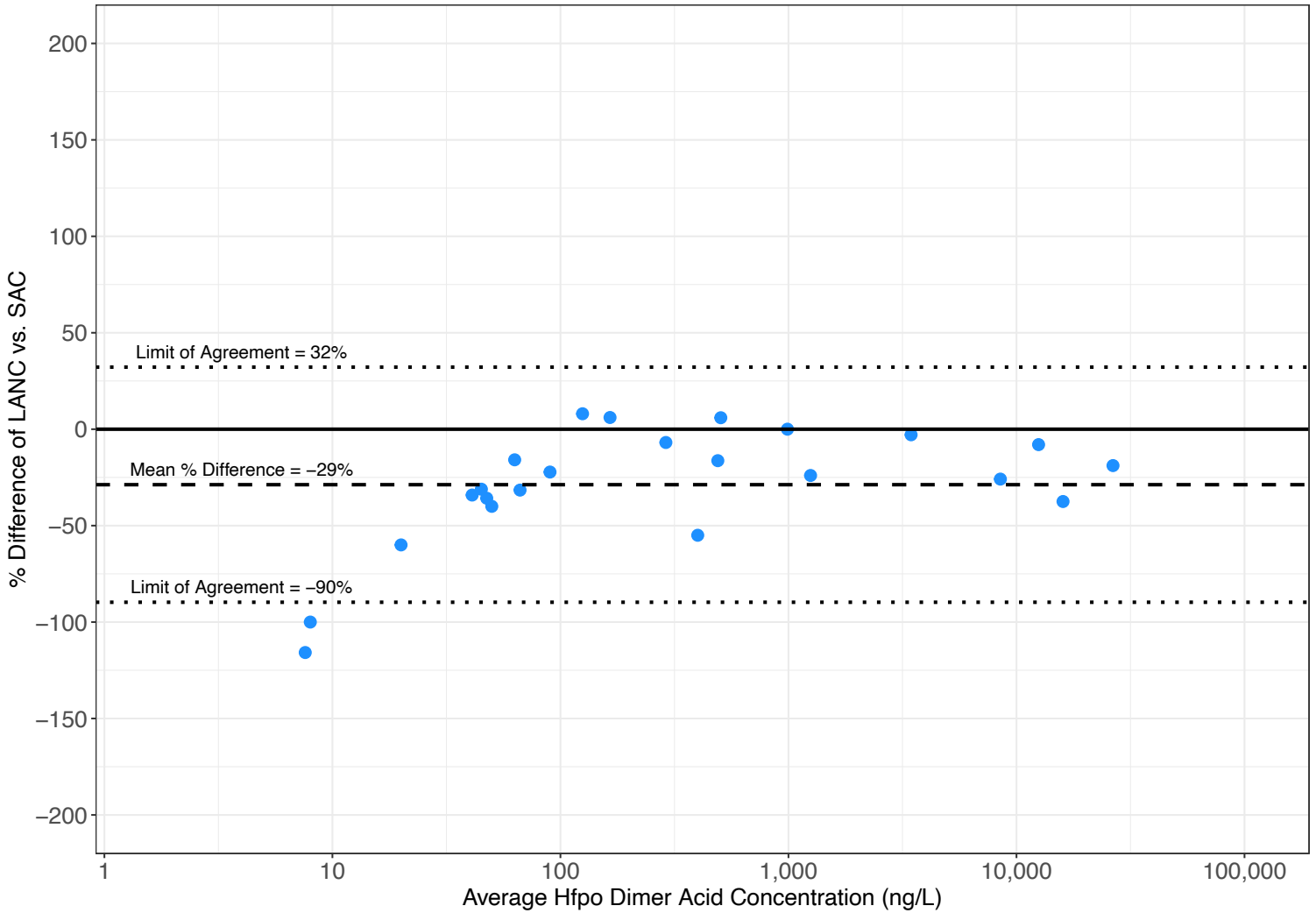
Figure
**B17**

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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for HFPO-DA**
**Comparing SAC to LANC for T3+/T6**

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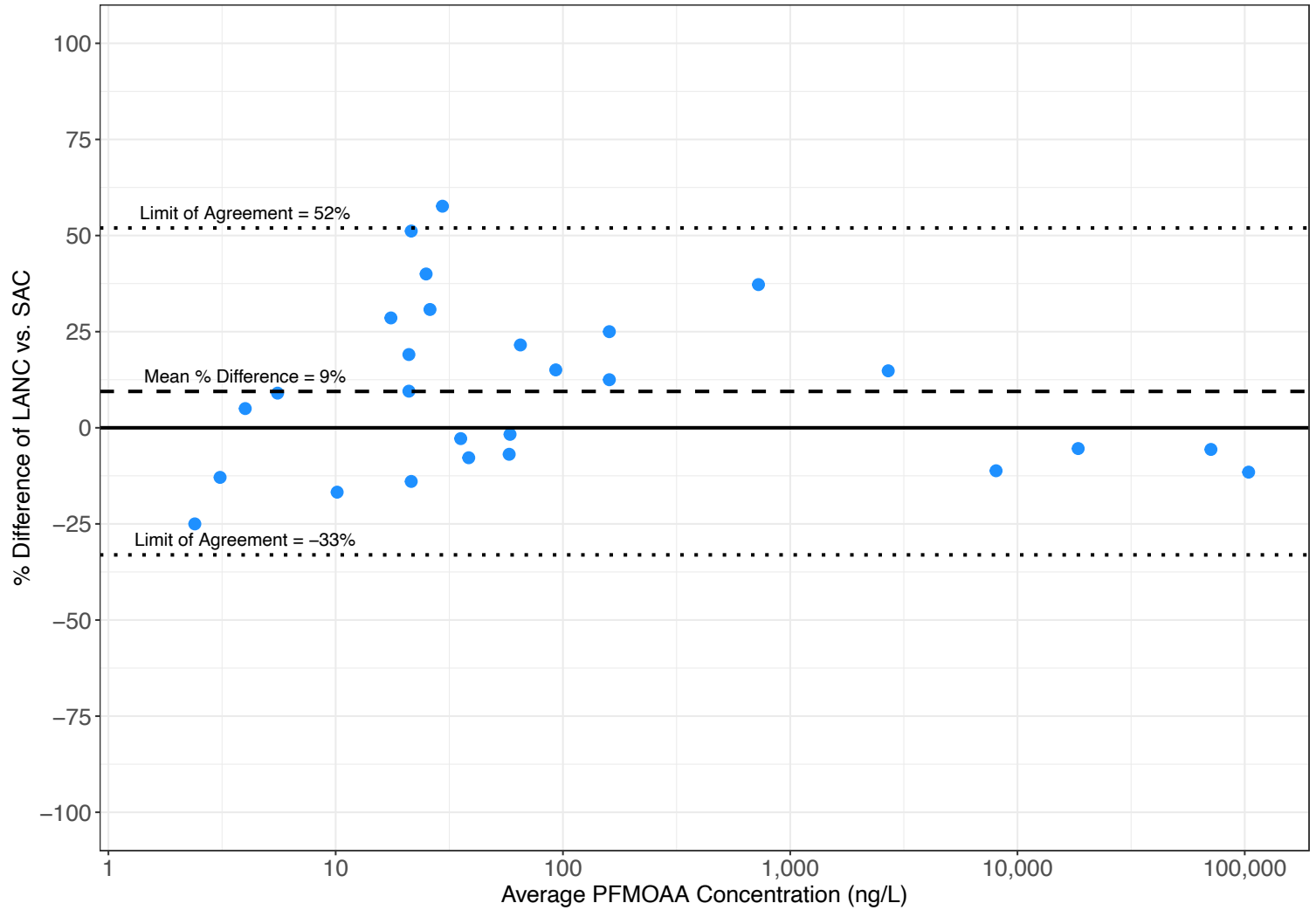
Figure
**B18**

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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFMOAA**
**Comparing SAC to LANC for T3+/T7**
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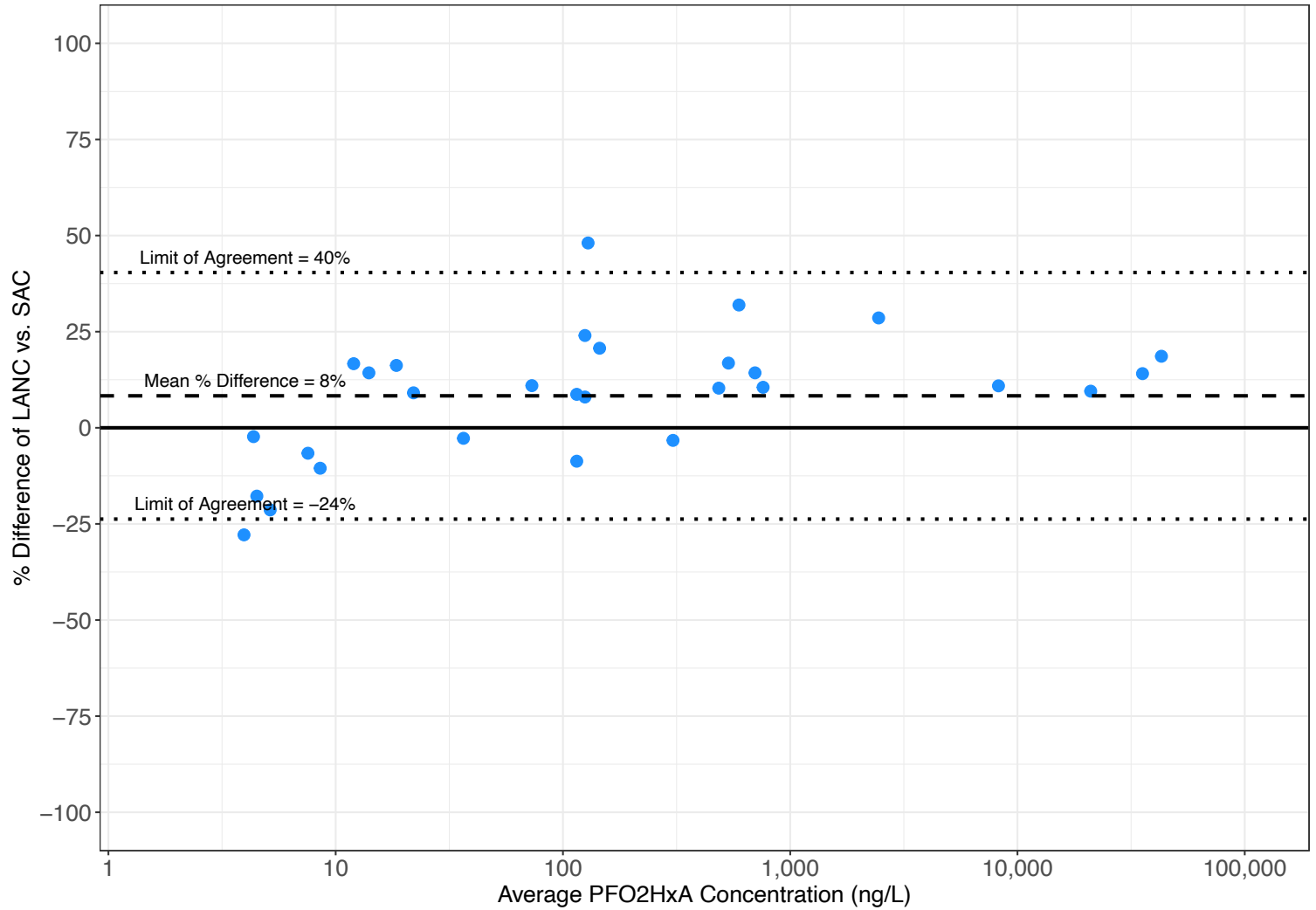
Figure
**B19**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO2HxA**
**Comparing SAC to LANC for T3+/T8**

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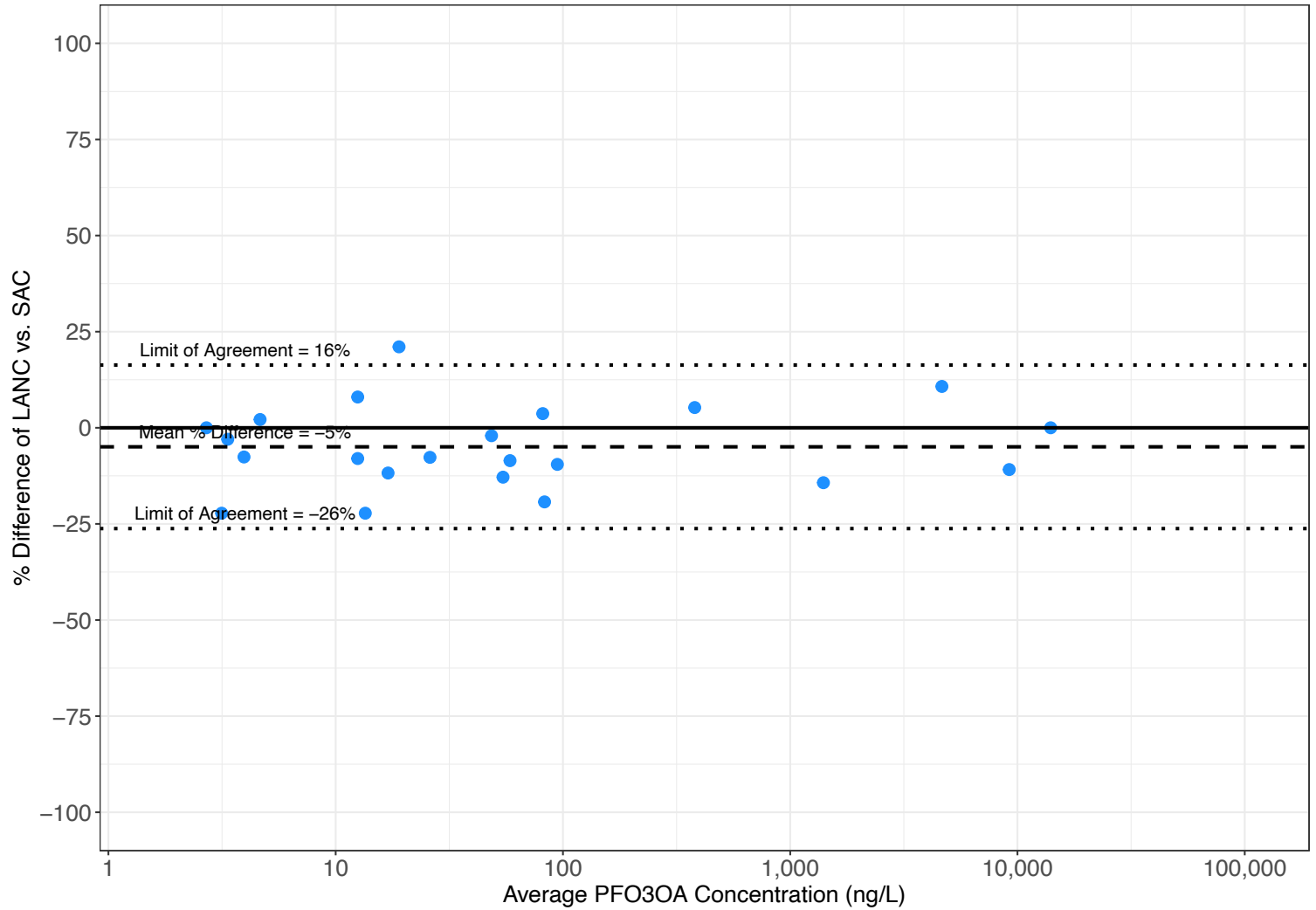
Figure
**B20**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO3OA**
**Comparing SAC to LANC for T3+/T9**

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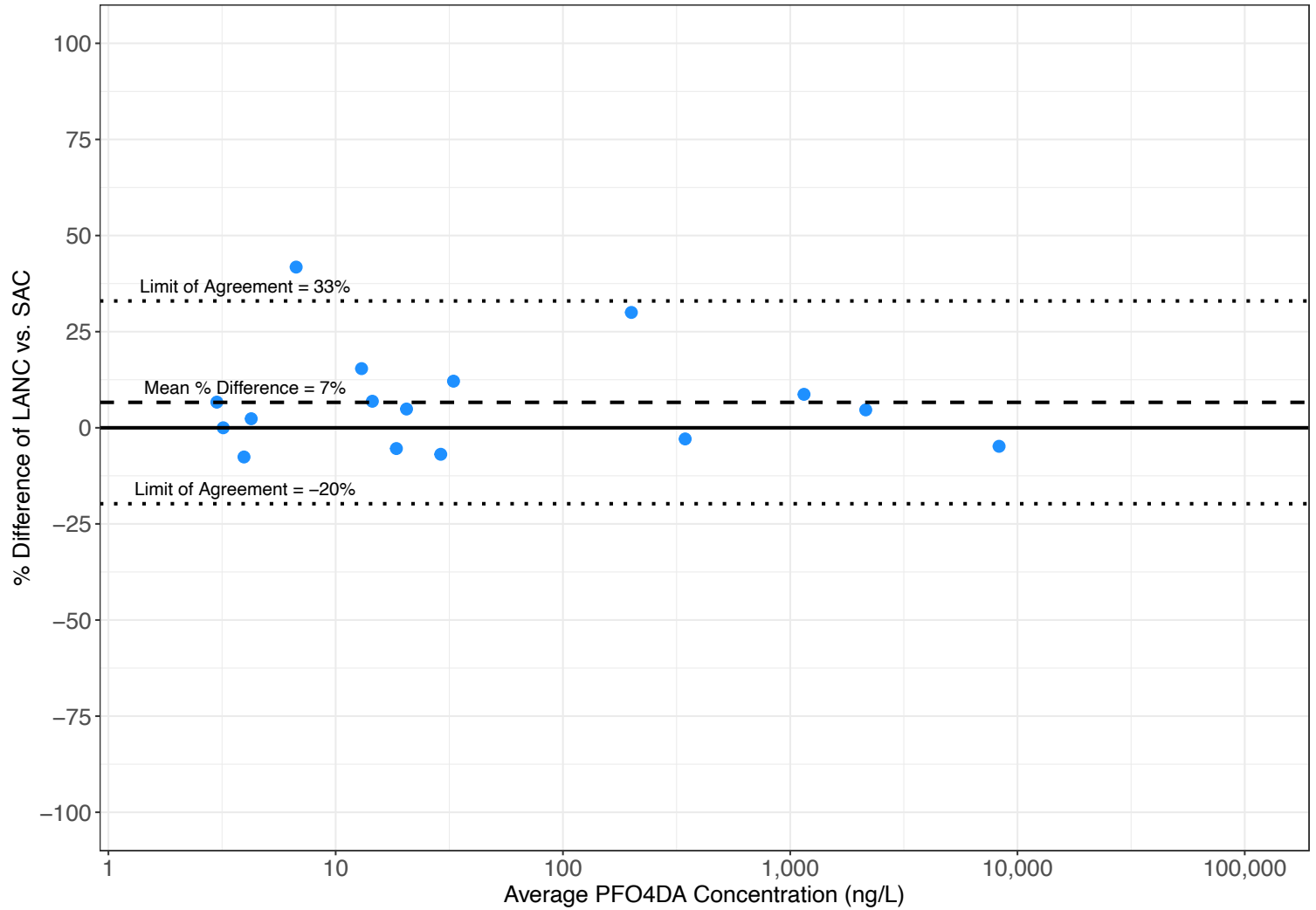
Figure
**B21**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO4DA**
**Comparing SAC to LANC for T3+/T10**
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Geosyntec Consultants of NC, P.C.
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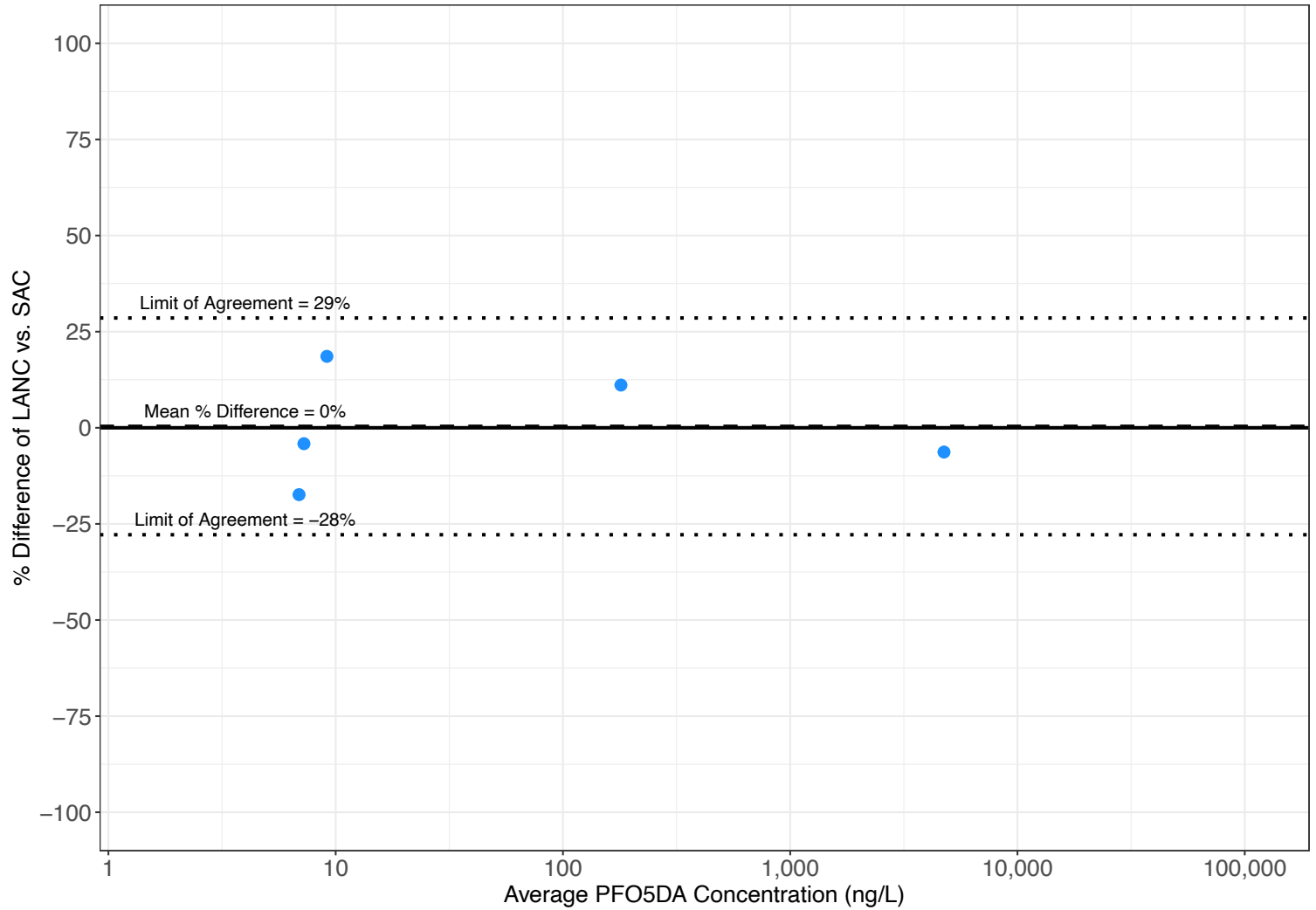
Figure
**B22**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PFO5DA**
**Comparing SAC to LANC for T3+/T11**

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Geosyntec Consultants of NC, P.C.
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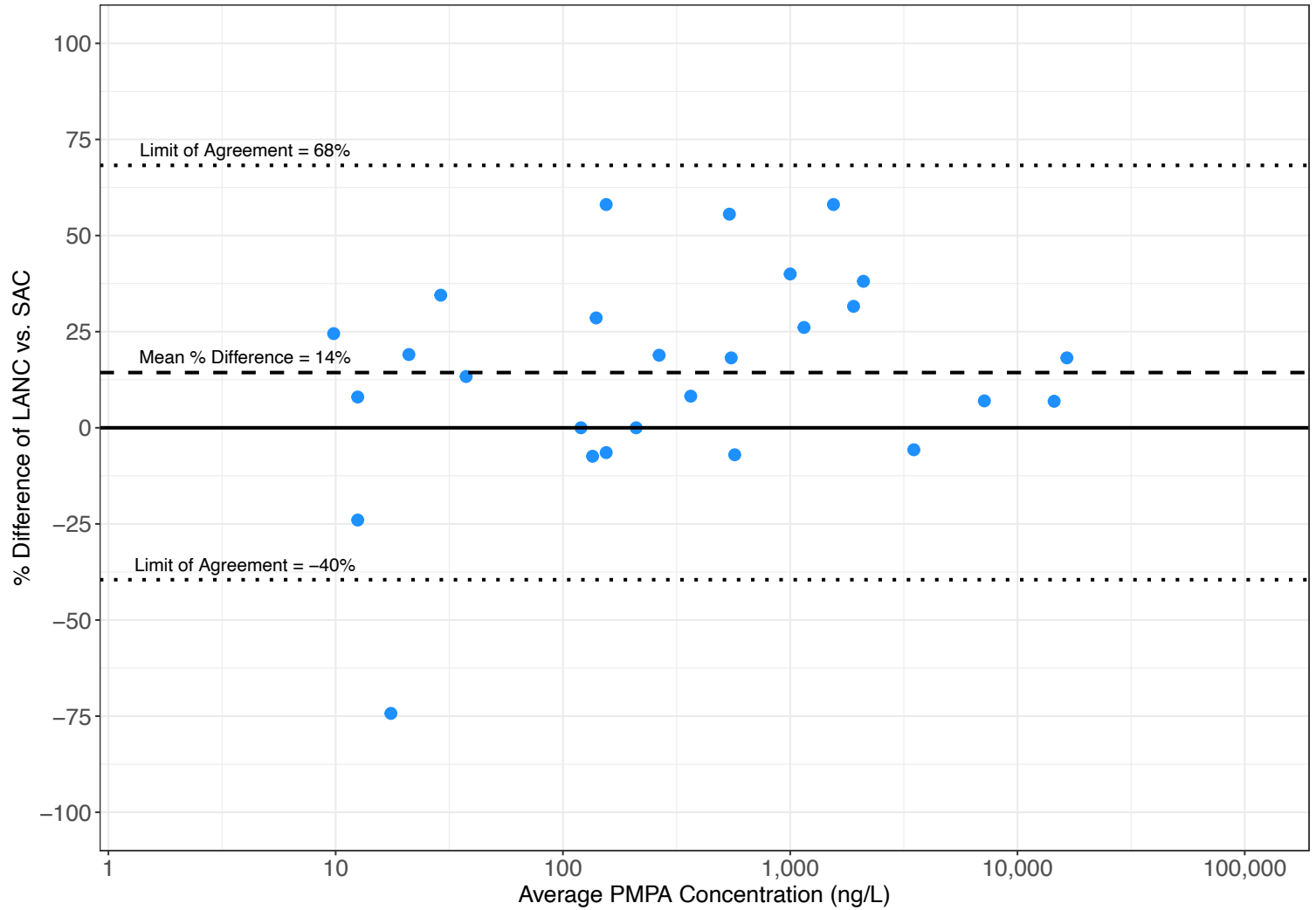
Figure
**B23**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PMPA**
**Comparing SAC to LANC for T3+/T12**

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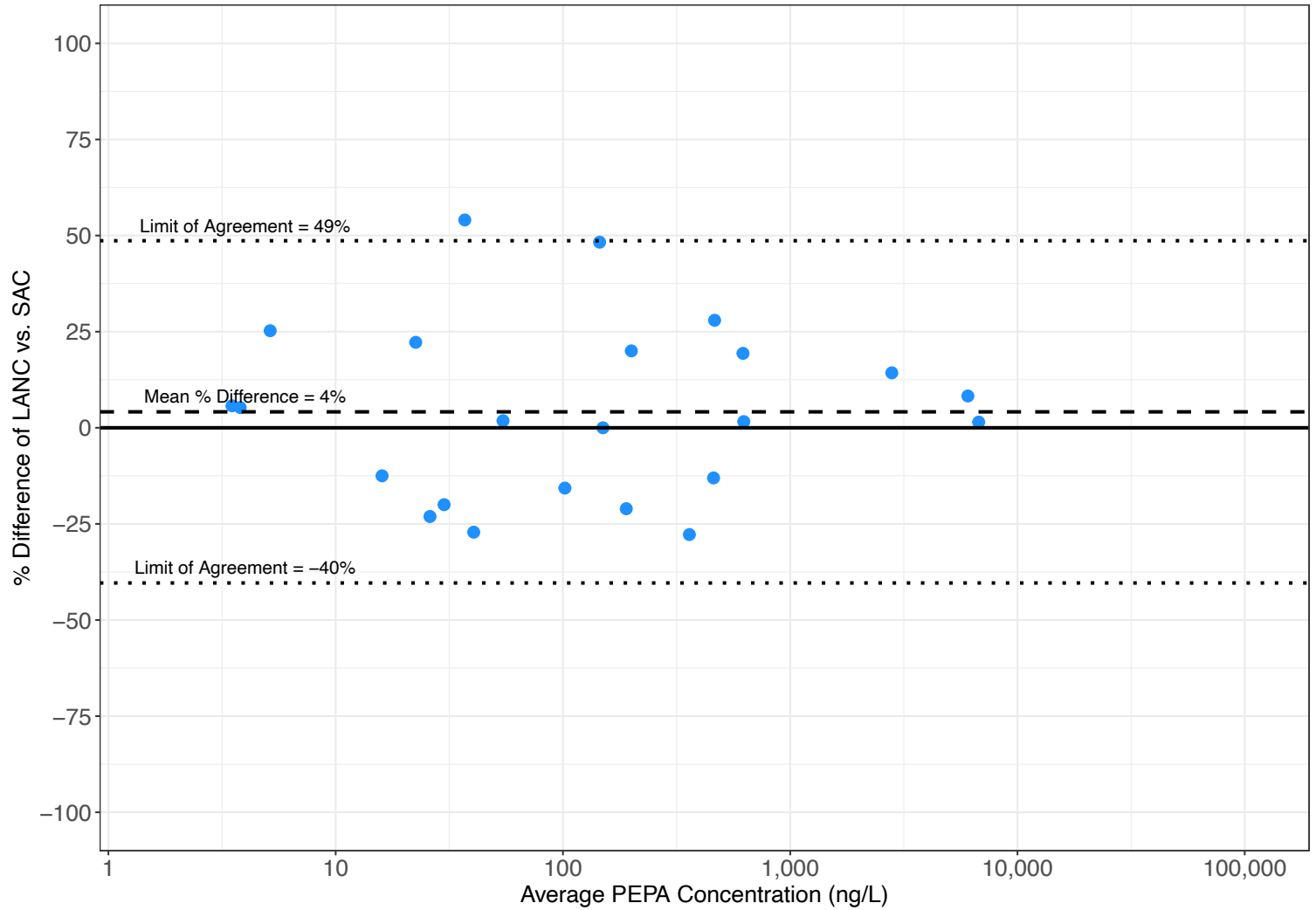
Figure
**B24**

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T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for PEPA**
**Comparing SAC to LANC for T3+/T13**

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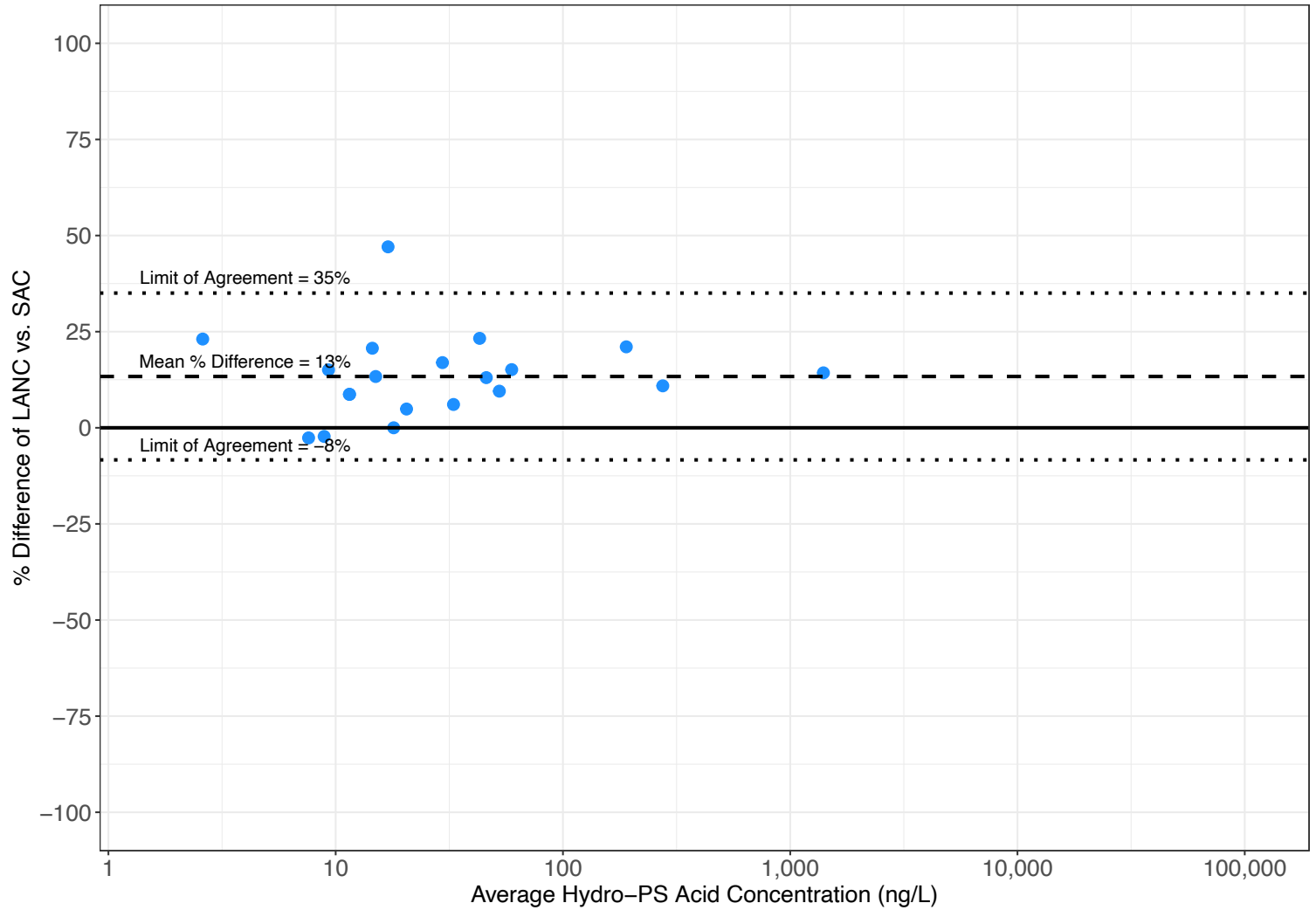
Figure
**B25**

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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

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**Bland-Altman Plot for Hydro-PS Acid**
**Comparing SAC to LANC for T3+/T14**

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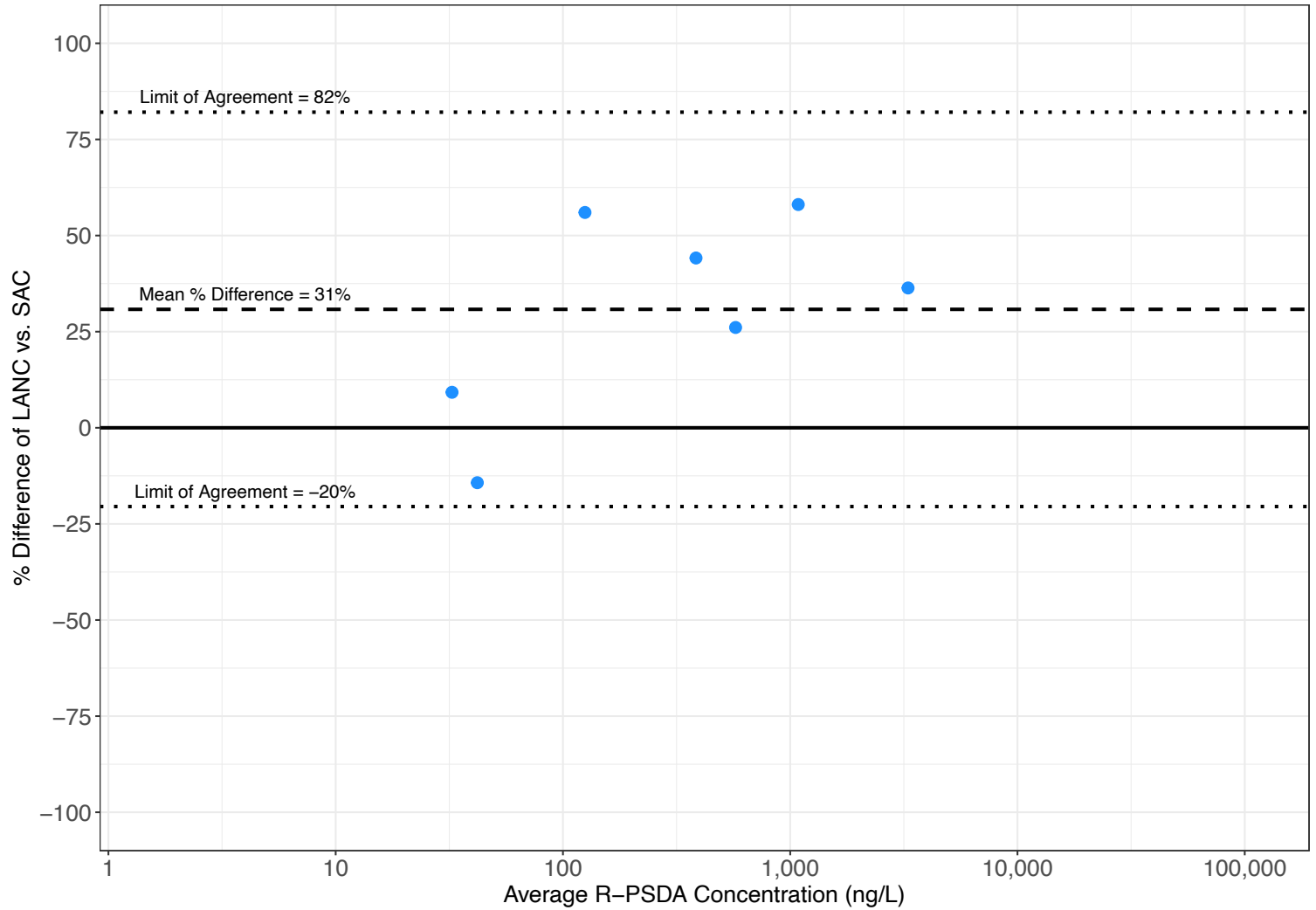
Figure
**B26**

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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-PSDA**
**Comparing SAC to LANC for T3+/T15**

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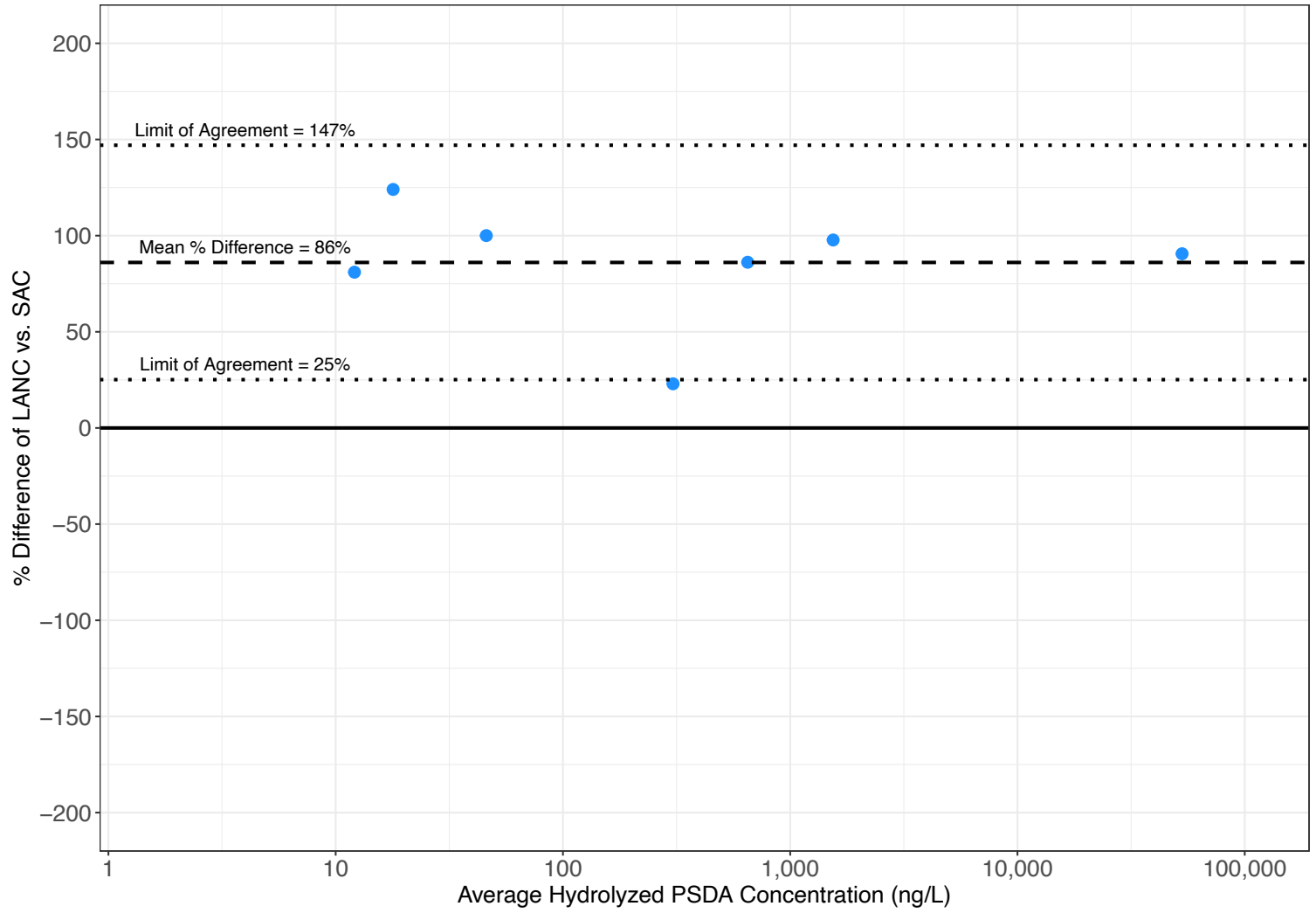
Figure
**B27**

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. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for Hydrolyzed PSDA**
**Comparing SAC to LANC for T3+/T16**

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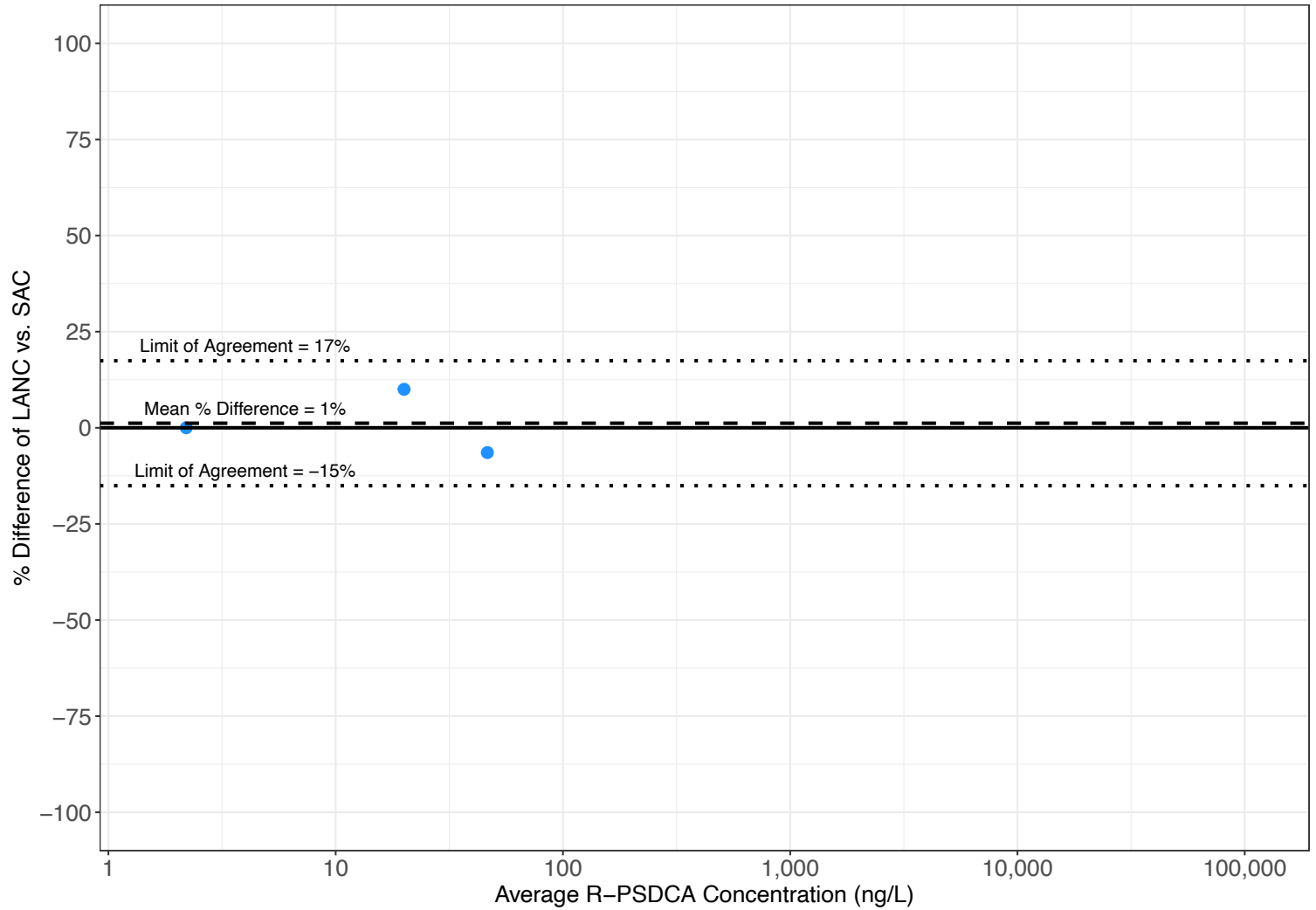
Figure
**B28**




Notes:
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SAC - Eurofins TestAmerica-Sacramento (Sacramento, CA)
T3+/T6 - Method Table 3+ plus Method Table 6

— — mean (average) relative percent difference of all data pairs
. . . . ±1.96 standard deviations of the mean relative percent difference

**Bland-Altman Plot for R-PSDCA**
**Comparing SAC to LANC for T3+/T17**

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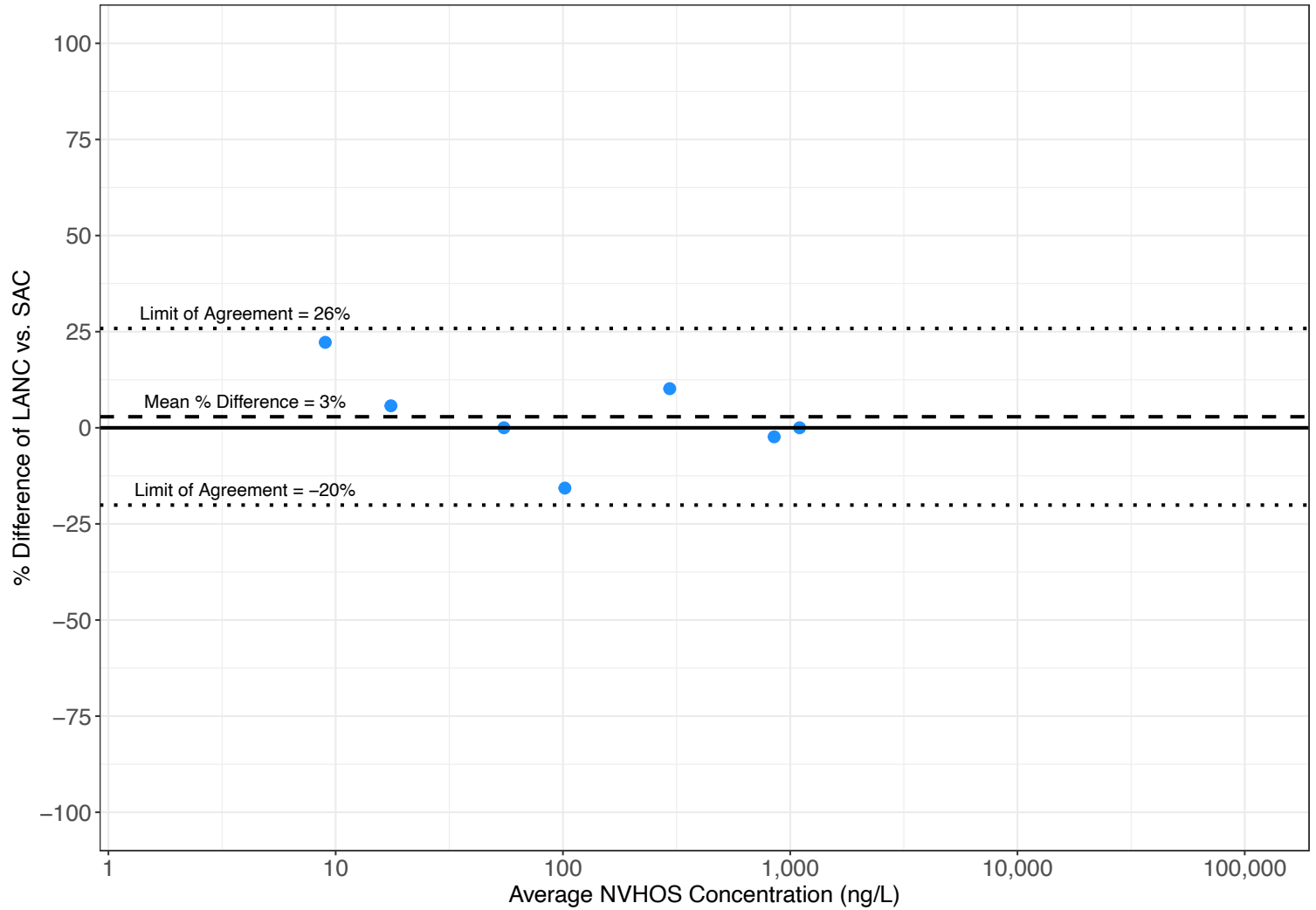
Figure
**B29**




Notes:
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T3+/T6 - Method Table 3+ plus Method Table 6

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**Bland-Altman Plot for NVHOS**
**Comparing SAC to LANC for T3+/T18**

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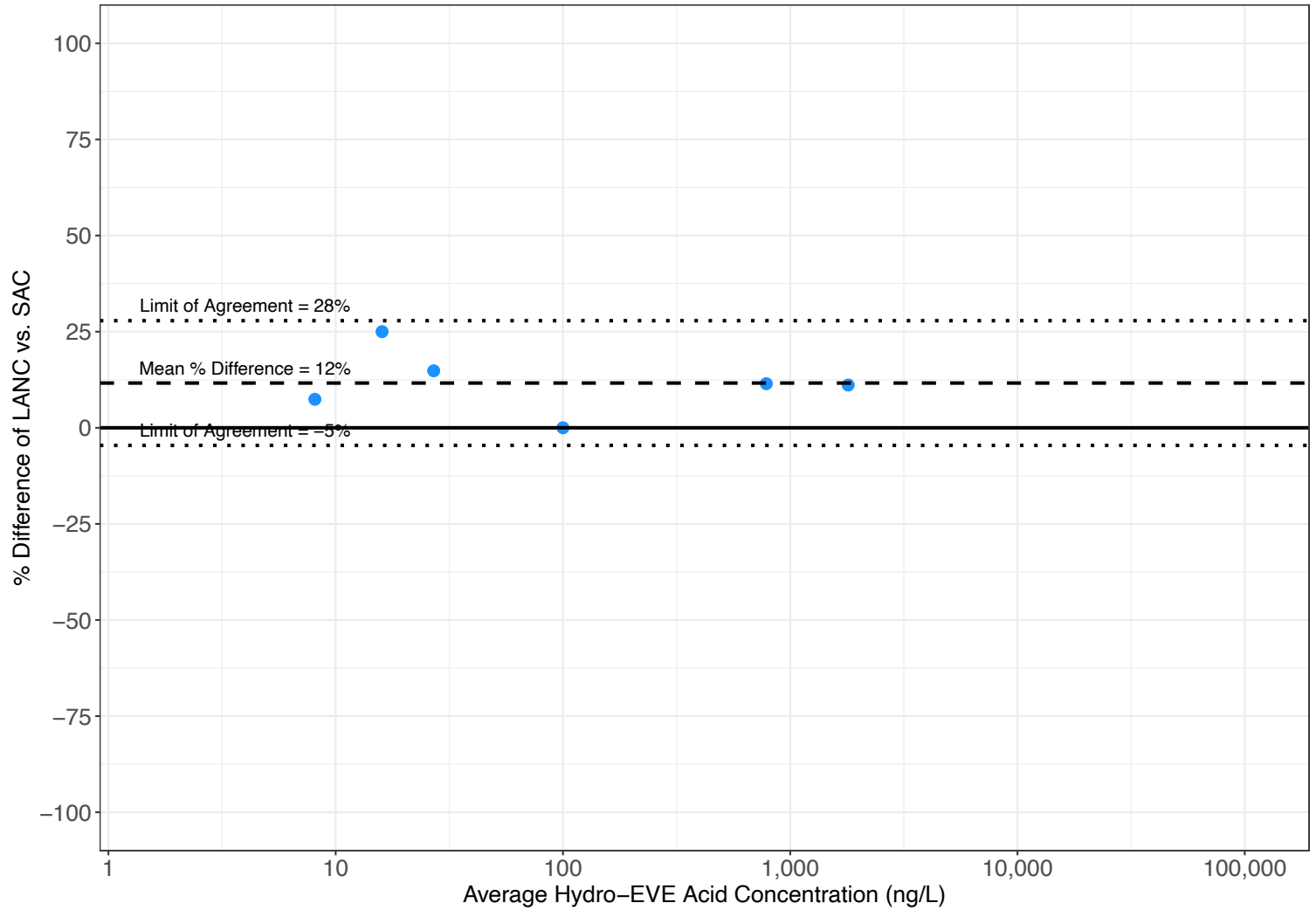
Figure
**B30**

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T3+/T6 - Method Table 3+ plus Method Table 6

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**Bland-Altman Plot for Hydro-EVE Acid**
**Comparing SAC to LANC for T3+/T19**

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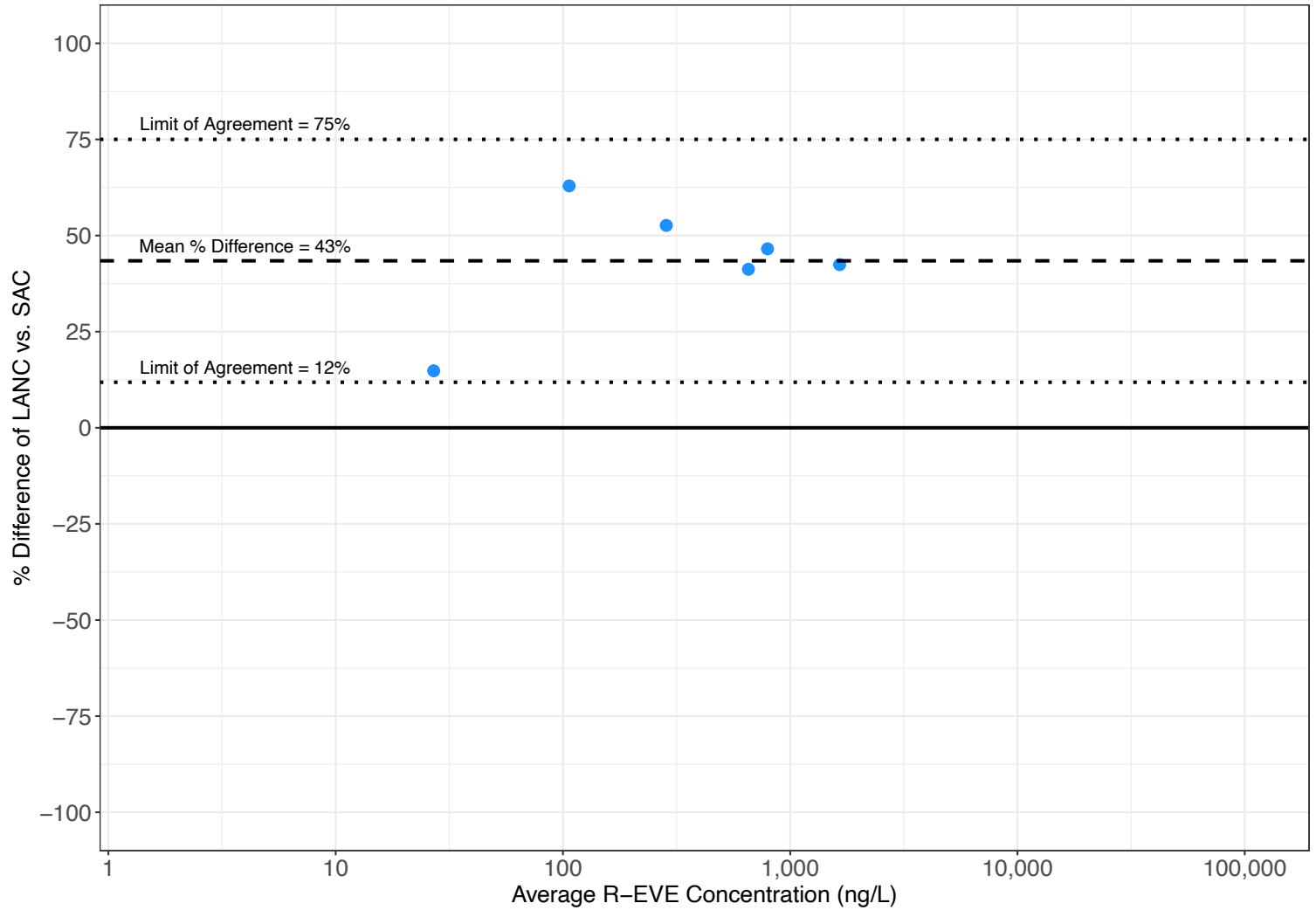
Figure
**B31**

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**Bland-Altman Plot for R-EVE**
**Comparing SAC to LANC for T3+/T20**

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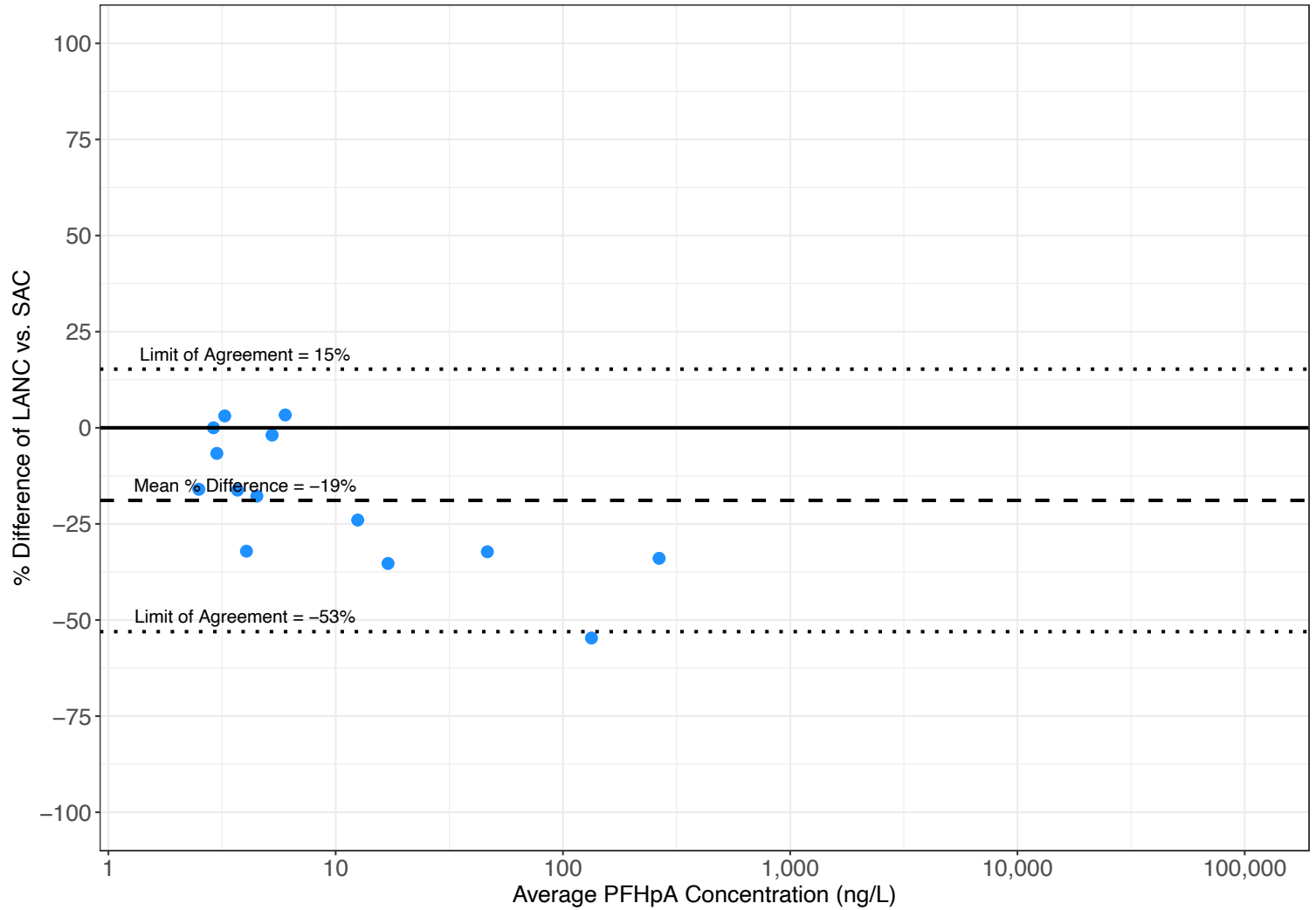
Figure
**B32**

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**Bland-Altman Plot for PFHpA**
**Comparing SAC to LANC for T3+/T21**

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Figure
**B33**